09/322,470

FIG. 1

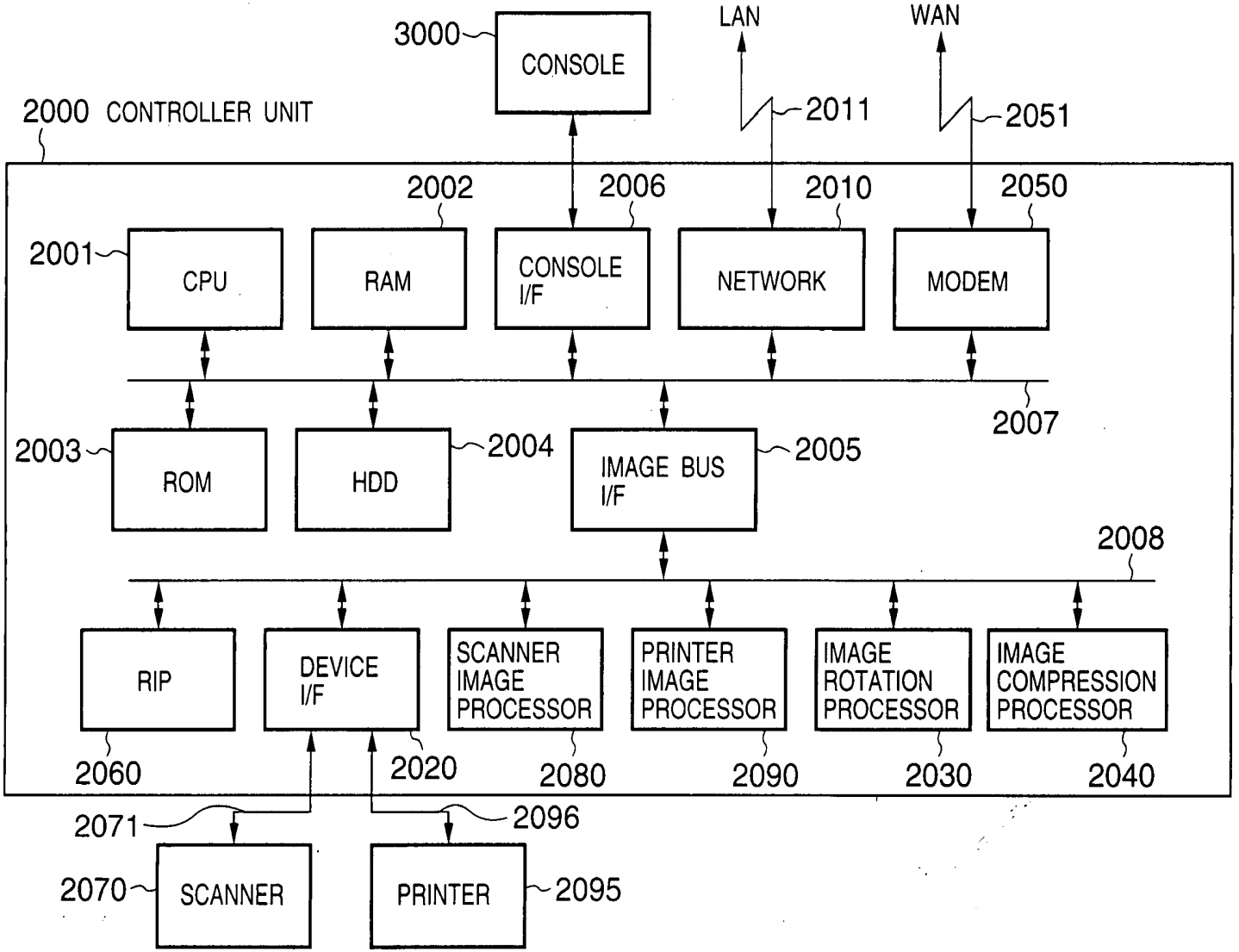


FIG. 2

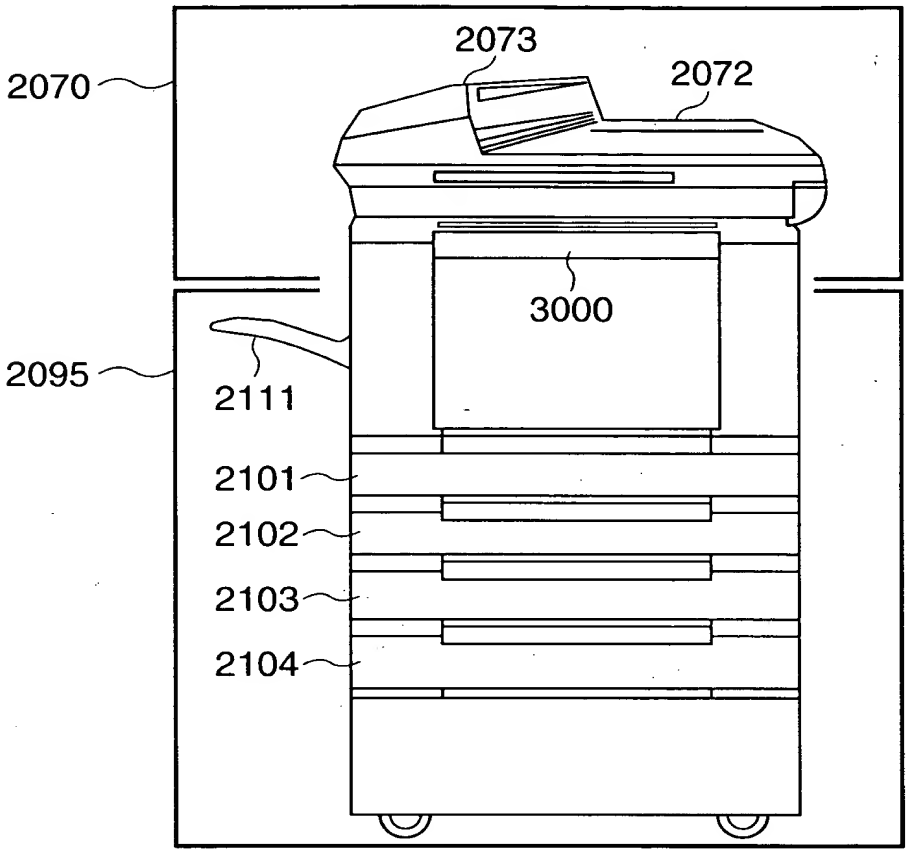

2073
2072
2070
3000
2095
2111
2101
2102
2103
2104

FIG. 3

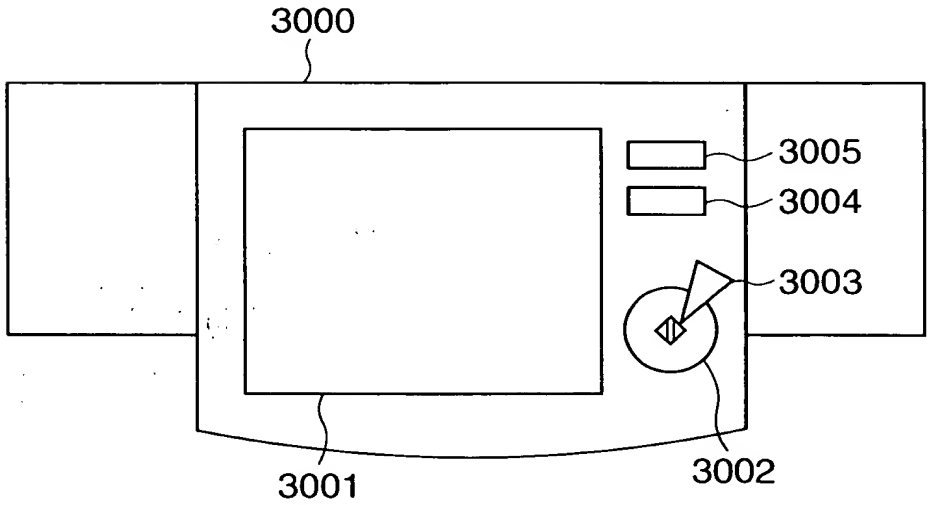

3000
3005
3004
3003
3001
3002

FIG. 4

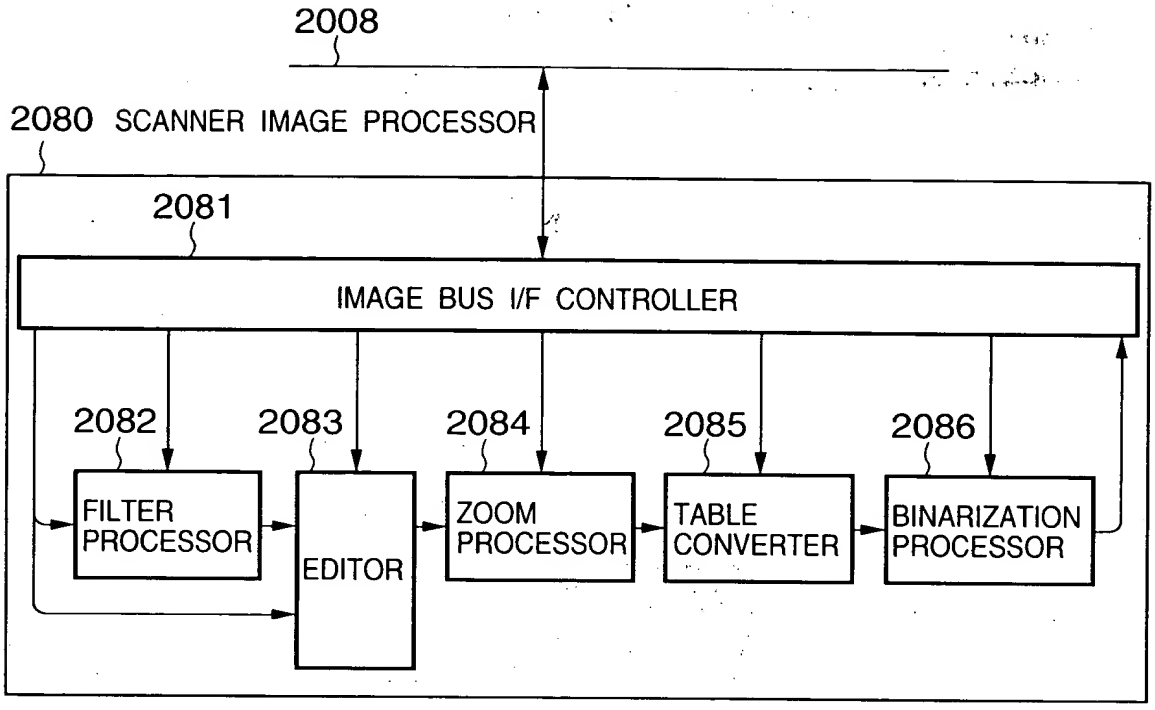

2008
2080 SCANNER IMAGE PROCESSOR
2081
IMAGE BUS I/F CONTROLLER
2082
2083
2084
2085
2086
FILTER PROCESSOR
EDITOR
ZOOM PROCESSOR
TABLE CONVERTER
BINARIZATION PROCESSOR

FIG. 5

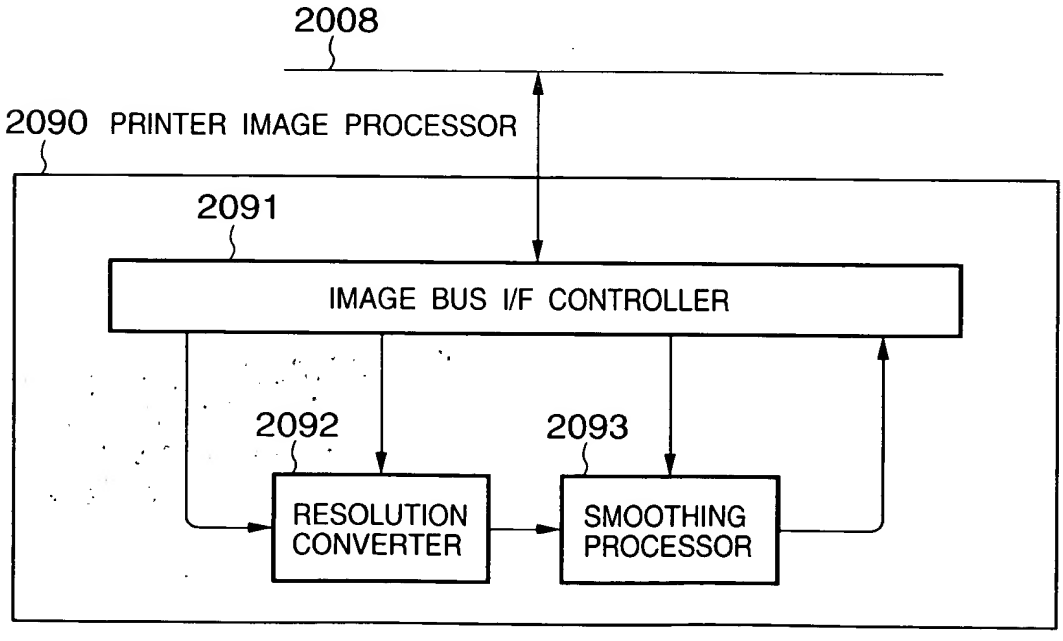

2008
2090 PRINTER IMAGE PROCESSOR
2091
IMAGE BUS I/F CONTROLLER
2092
2093
RESOLUTION CONVERTER
SMOOTHING PROCESSOR

FIG. 6

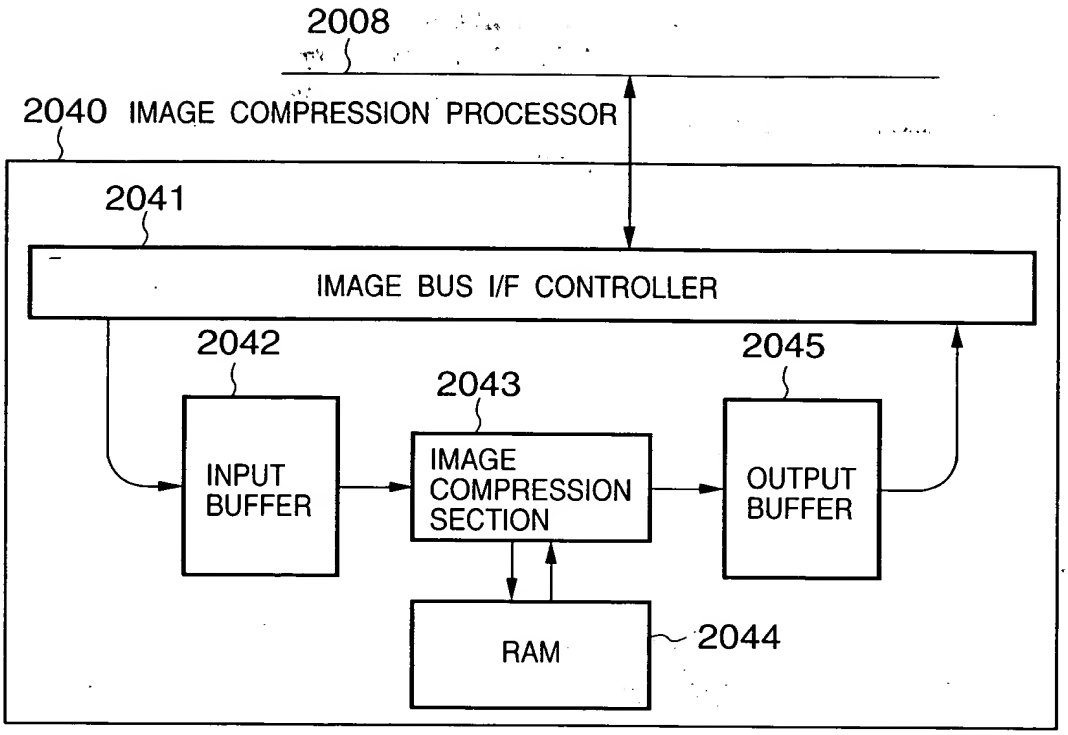

2008
2040 IMAGE COMPRESSION PROCESSOR
2041
IMAGE BUS I/F CONTROLLER
2042
2043
2045
INPUT BUFFER
IMAGE COMPRESSION SECTION
OUTPUT BUFFER
RAM
2044

FIG. 7

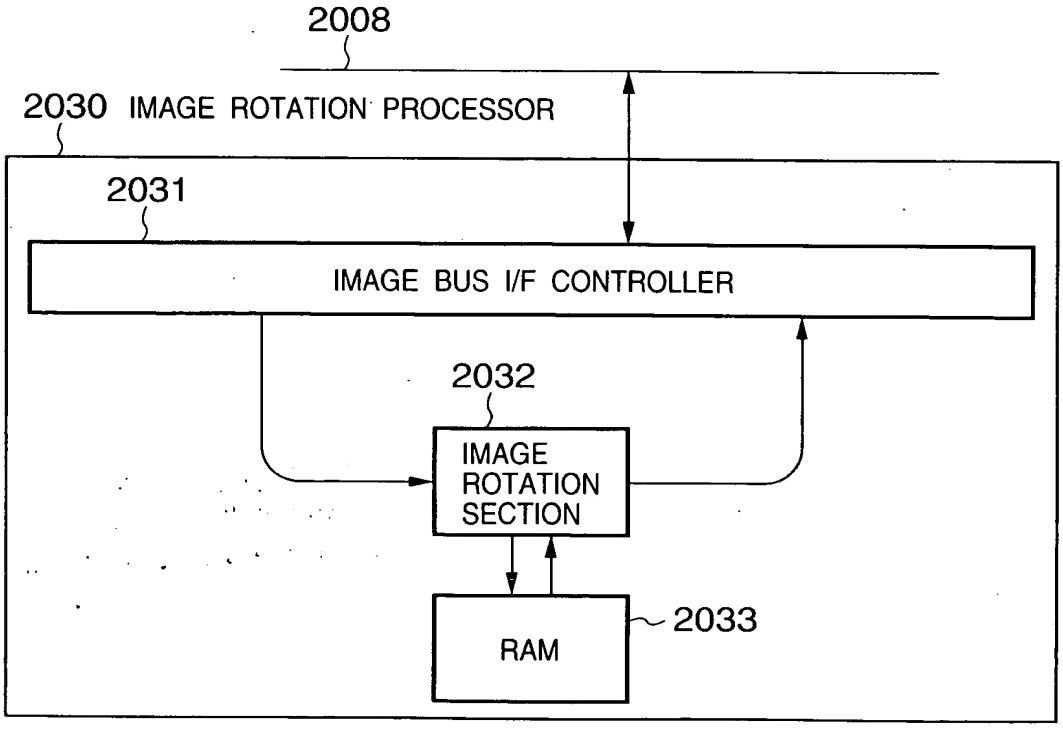

2008
2030 IMAGE ROTATION PROCESSOR
2031
IMAGE BUS I/F CONTROLLER
2032
IMAGE ROTATION SECTION
RAM
2033

FIG. 8

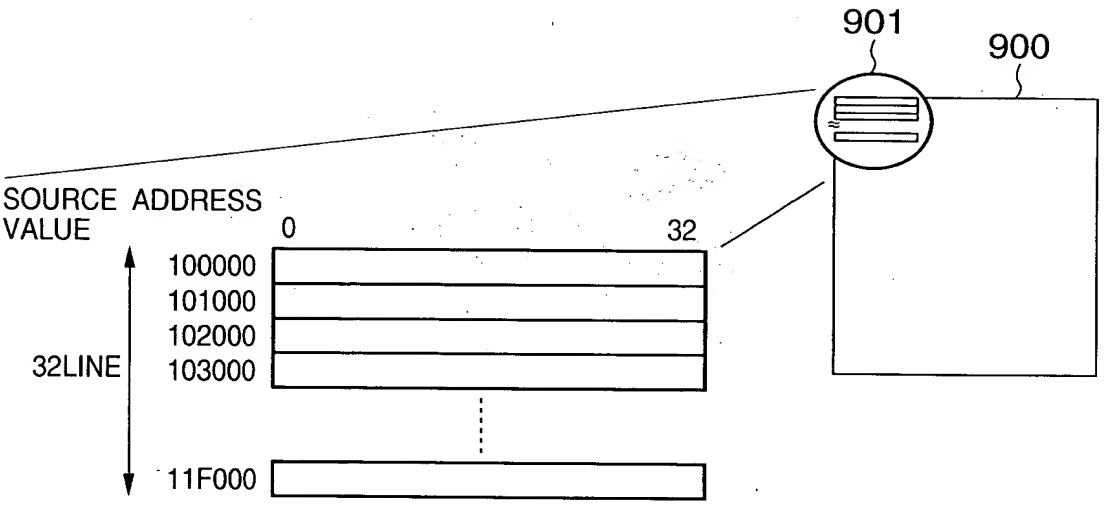

901
900
SOURCE ADDRESS VALUE
0
32
100000
101000
102000
103000
32LINE
11F000

FIG. 9

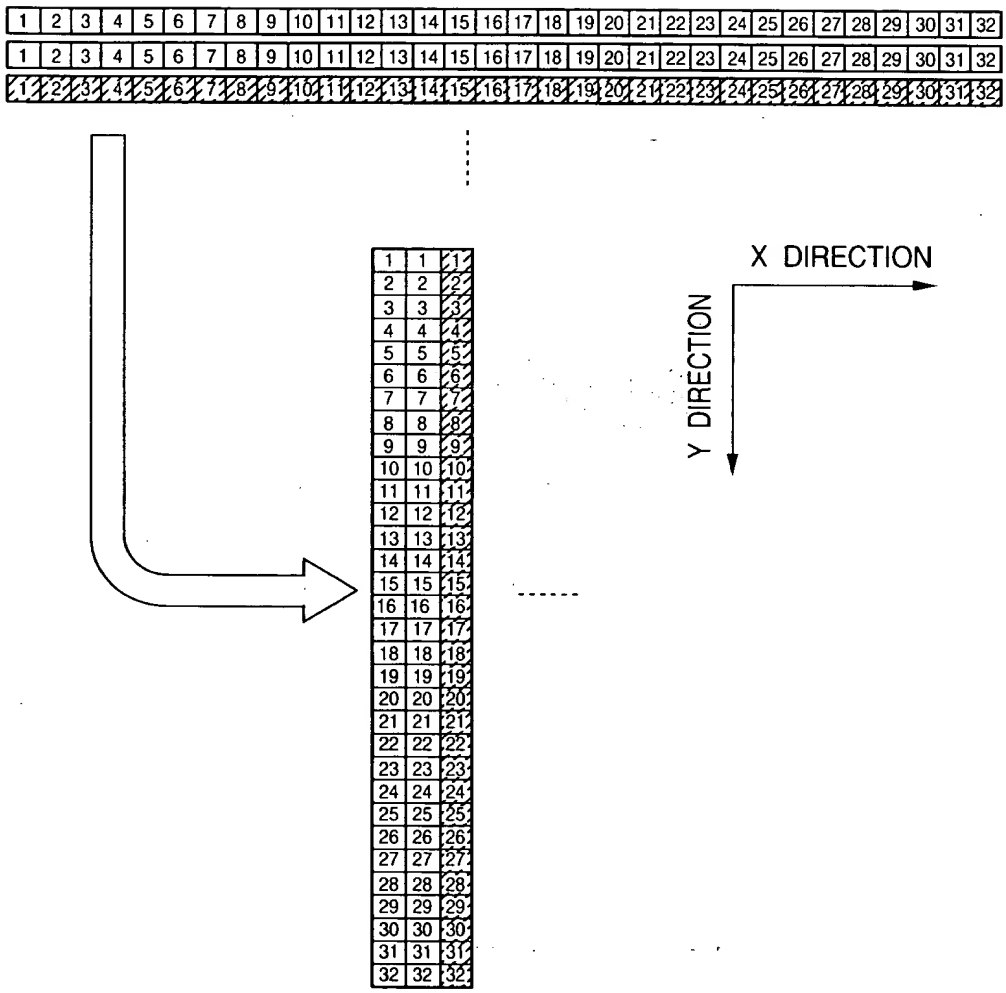

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
X DIRECTION
Y DIRECTION

FIG. 10

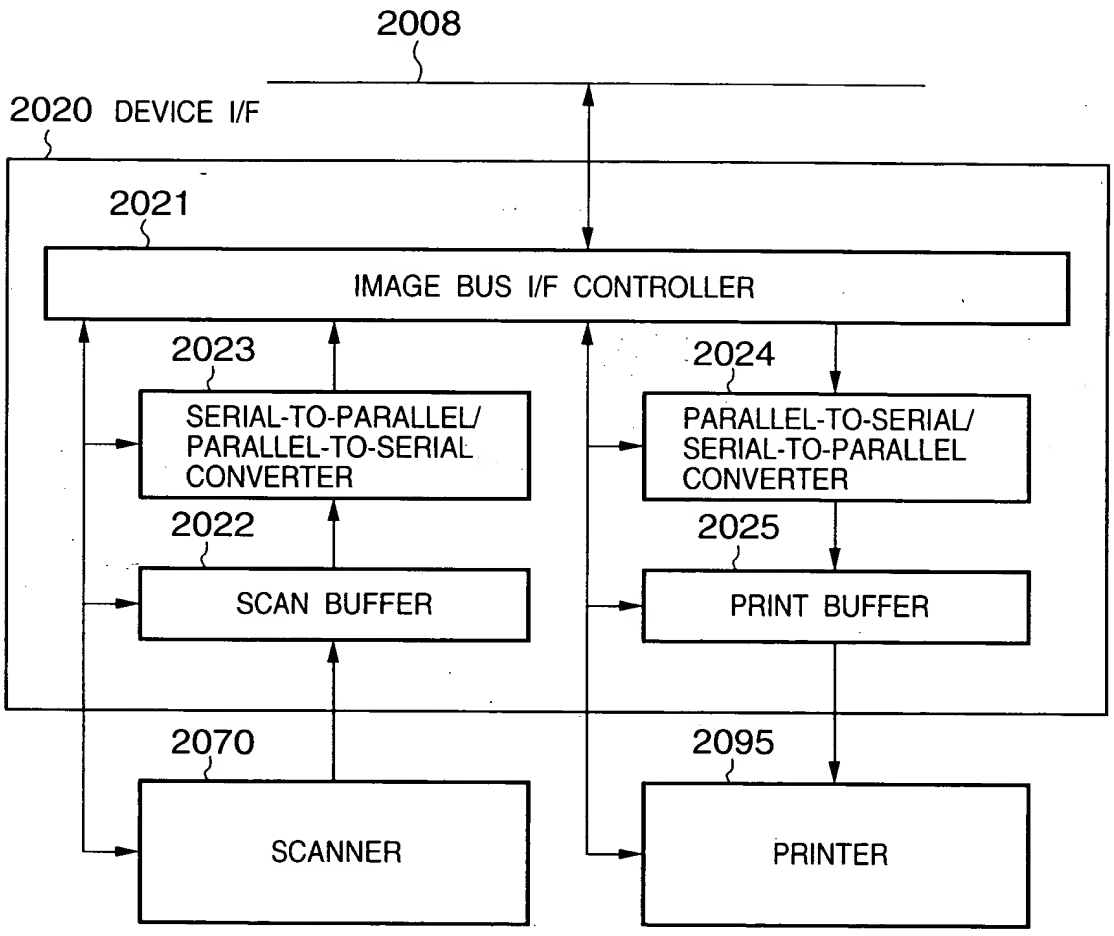

2008
2020 DEVICE I/F
2021
IMAGE BUS I/F CONTROLLER
2023
SERIAL-TO-PARALLEL/
PARALLEL-TO-SERIAL
CONVERTER
2024
PARALLEL-TO-SERIAL/
SERIAL-TO-PARALLEL
CONVERTER
2022
SCAN BUFFER
2025
PRINT BUFFER
2070
SCANNER
2095
PRINTER

FIG. 11

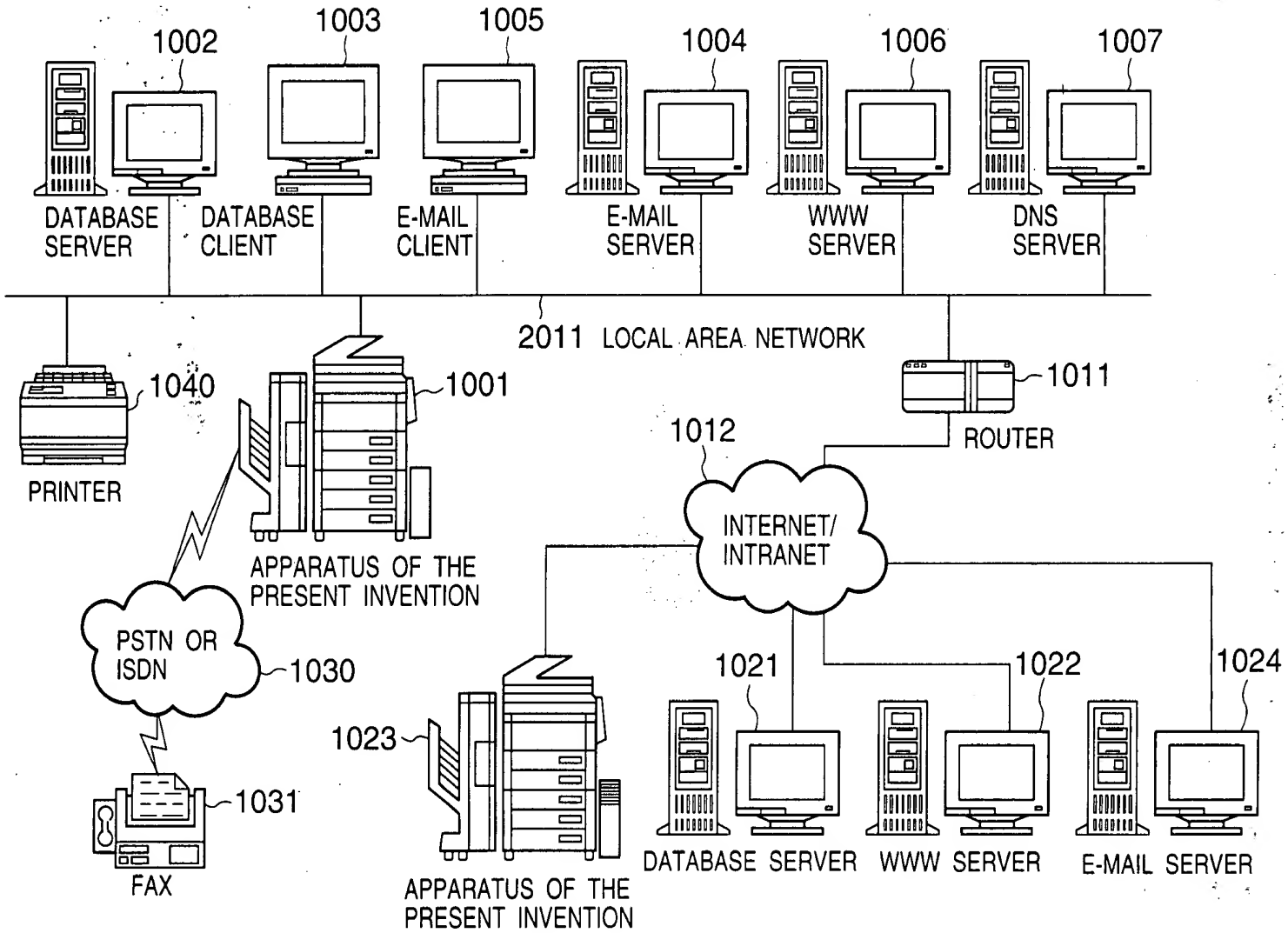

1002
1003
1005
1004
1006
1007
DATABASE SERVER
DATABASE CLIENT
E-MAIL CLIENT
E-MAIL SERVER
WWW SERVER
DNS SERVER
2011 LOCAL AREA NETWORK
1040
PRINTER
1001
APPARATUS OF THE PRESENT INVENTION
1011
ROUTER
1012
INTERNET/ INTRANET
PSTN OR ISDN
1030
1031
FAX
1023
APPARATUS OF THE PRESENT INVENTION
1021
1022
1024
DATABASE SERVER
WWW SERVER
E-MAIL SERVER

FIG. 12

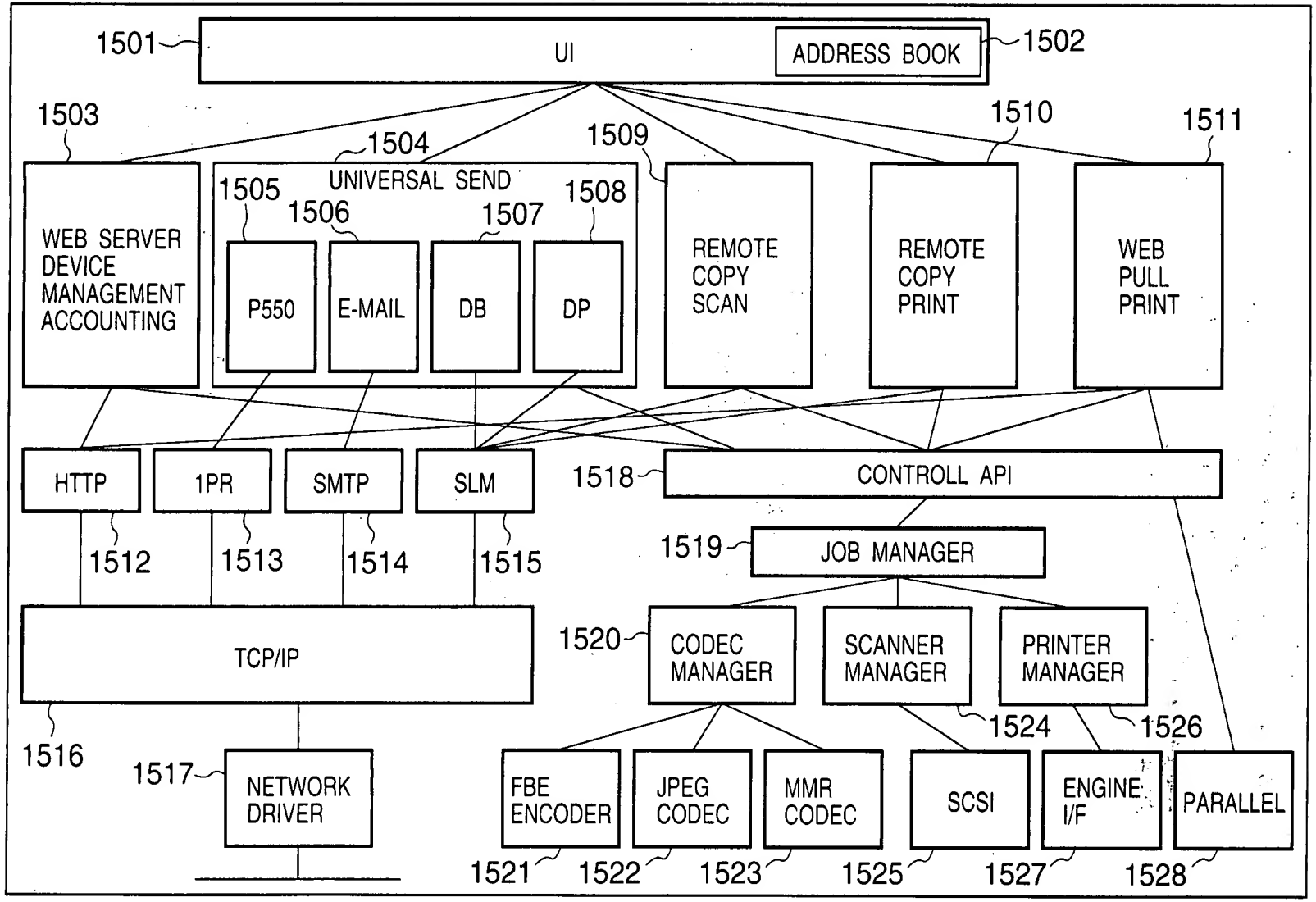

1501
UI
ADDRESS BOOK
1502
1503
1504
1509
1510
1511
WEB SERVER
DEVICE
MANAGEMENT
ACCOUNTING
UNIVERSAL SEND
1505
1506
1507
1508
P550
E-MAIL
DB
DP
REMOTE
COPY
SCAN
REMOTE
COPY
PRINT
WEB
PULL
PRINT
HTTP
1PR
SMTP
SLM
1518
CONTROLL API
1519
JOB MANAGER
1512
1513
1514
1515
TCP/IP
1520
CODEC
MANAGER
SCANNER
MANAGER
PRINTER
MANAGER
1524
1526
1516
1517
NETWORK
DRIVER
FBE
ENCODER
JPEG
CODEC
MMR
CODEC
SCSI
ENGINE
I/F
PARALLEL
1521
1522
1523
1525
1527
1528

FIG. 13

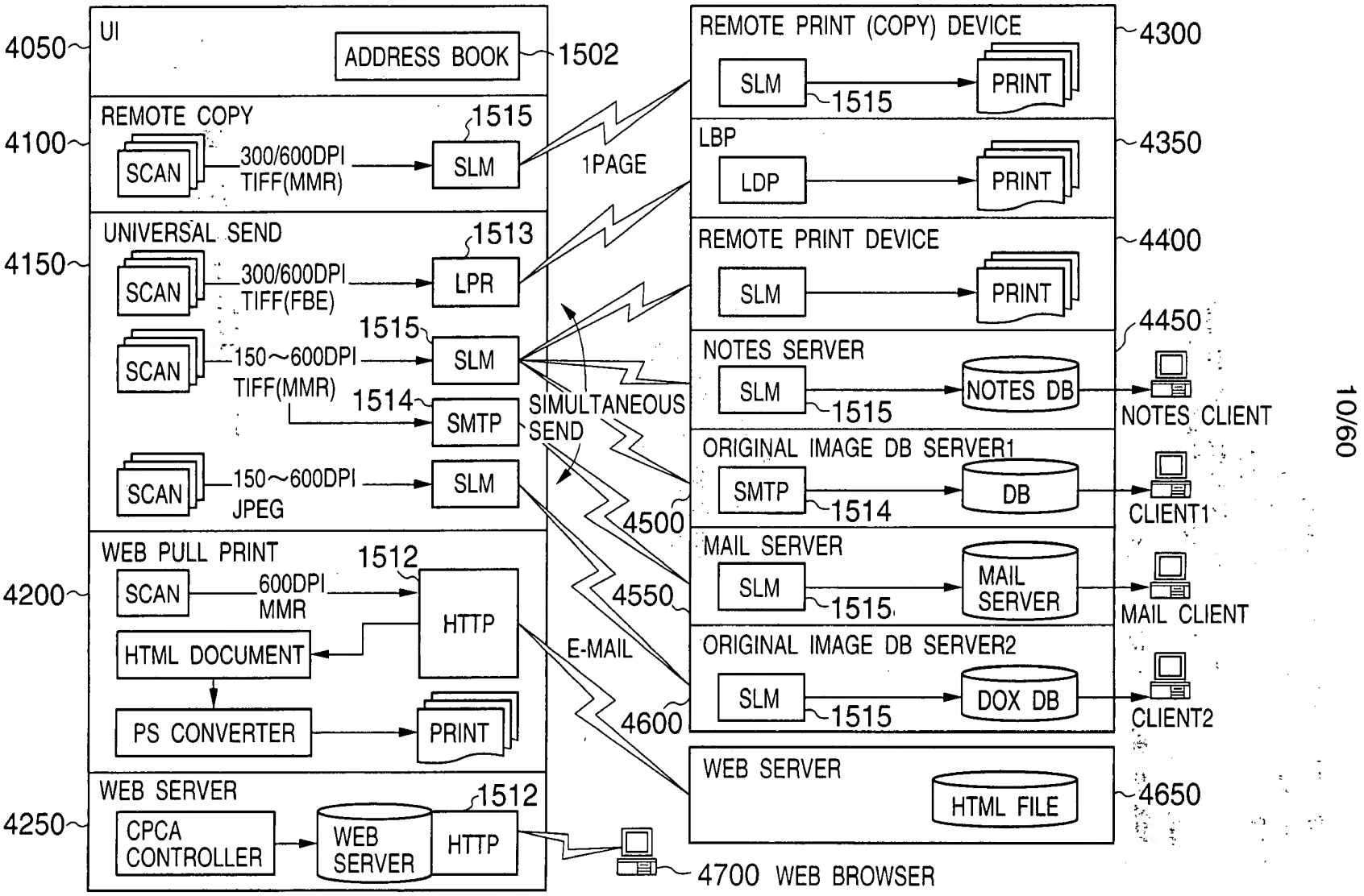

4050
UI
ADDRESS BOOK
1502
4100
REMOTE COPY
1515
SCAN
300/600DPI
TIFF(MMR)
SLM
4150
UNIVERSAL SEND
1513
SCAN
300/600DPI
TIFF(FBE)
LPR
1515
SCAN
150~600DPI
TIFF(MMR)
SLM
1514
SMTP
SCAN
150~600DPI
JPEG
SLM
4200
WEB PULL PRINT
1512
SCAN
600DPI
MMR
HTTP
HTML DOCUMENT
PS CONVERTER
PRINT
4250
WEB SERVER
1512
CPCA CONTROLLER
WEB SERVER
HTTP
1PAGE
SIMULTANEOUS SEND
E-MAIL
4500
4550
4600
REMOTE PRINT (COPY) DEVICE
4300
SLM
1515
PRINT
LBP
4350
LDP
PRINT
REMOTE PRINT DEVICE
4400
SLM
PRINT
4450
NOTES SERVER
SLM
1515
NOTES DB
NOTES CLIENT
ORIGINAL IMAGE DB SERVER1
SMTP
1514
DB
CLIENT1
MAIL SERVER
SLM
1515
MAIL SERVER
MAIL CLIENT
ORIGINAL IMAGE DB SERVER2
SLM
1515
DOX DB
CLIENT2
WEB SERVER
HTML FILE
4650
4700 WEB BROWSER

FIG. 14

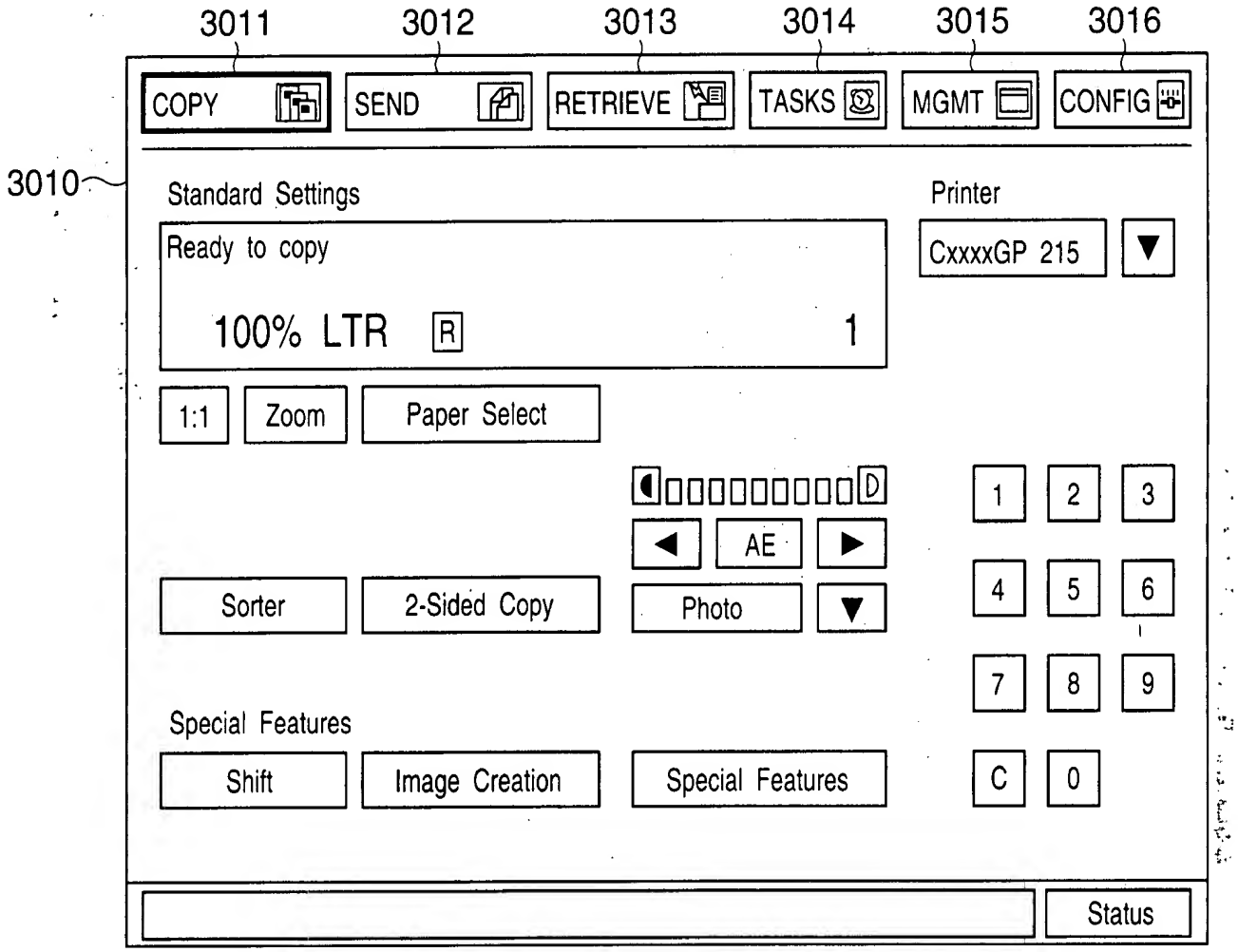

3011
3012
3013
3014
3015
3016
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
3010
Standard Settings
Printer
Ready to copy
100% LTR
R
1
CxxxxGP 215
1:1
Zoom
Paper Select
D
AE
Sorter
2-Sided Copy
Photo
1
2
3
4
5
6
7
8
9
Special Features
Shift
Image Creation
Special Features
C
0
Status

FIG. 15

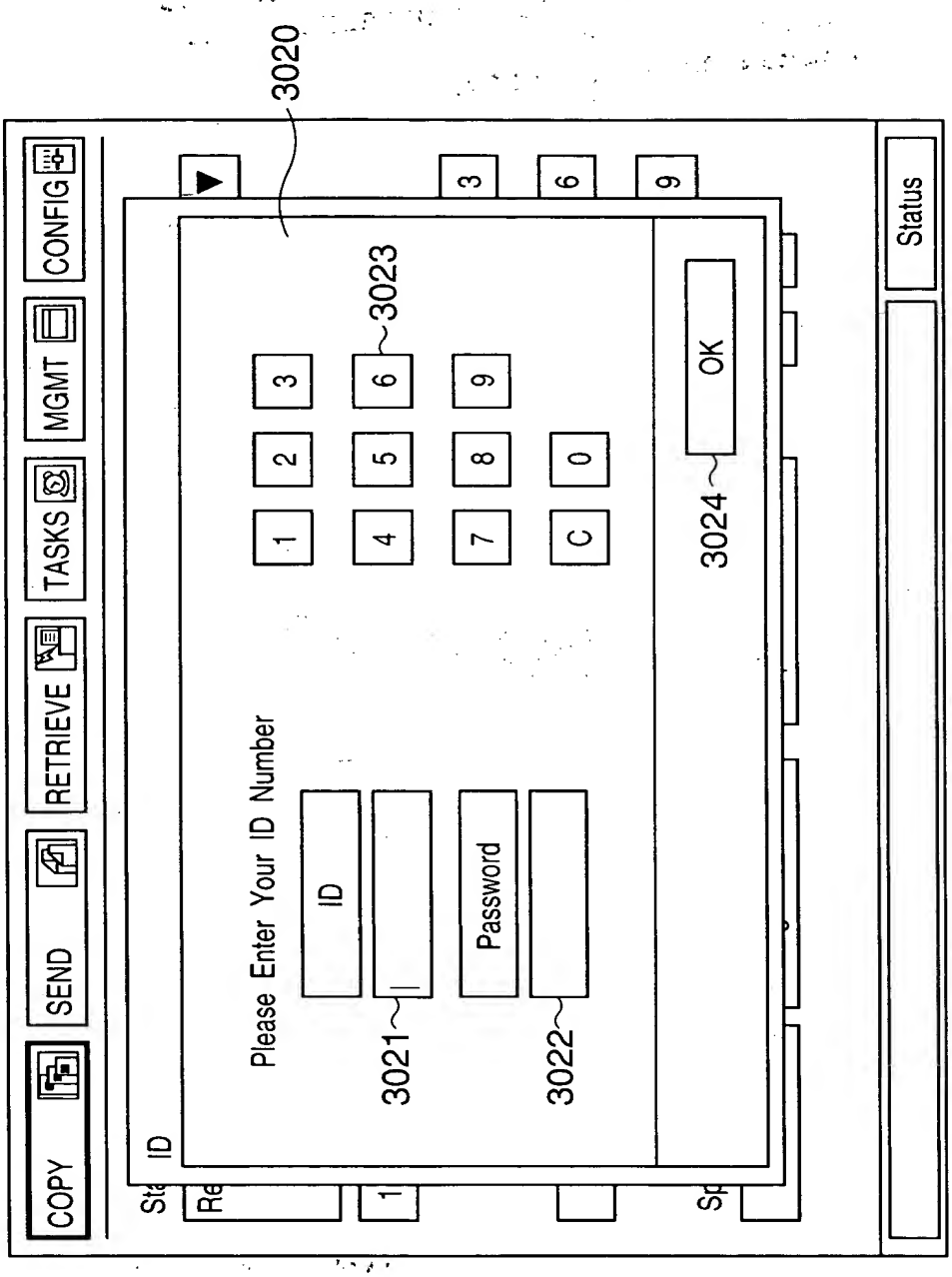

COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
3020
Please Enter Your ID Number
ID
Password
3021
3022
3023
3024
OK
Status

FIG. 16

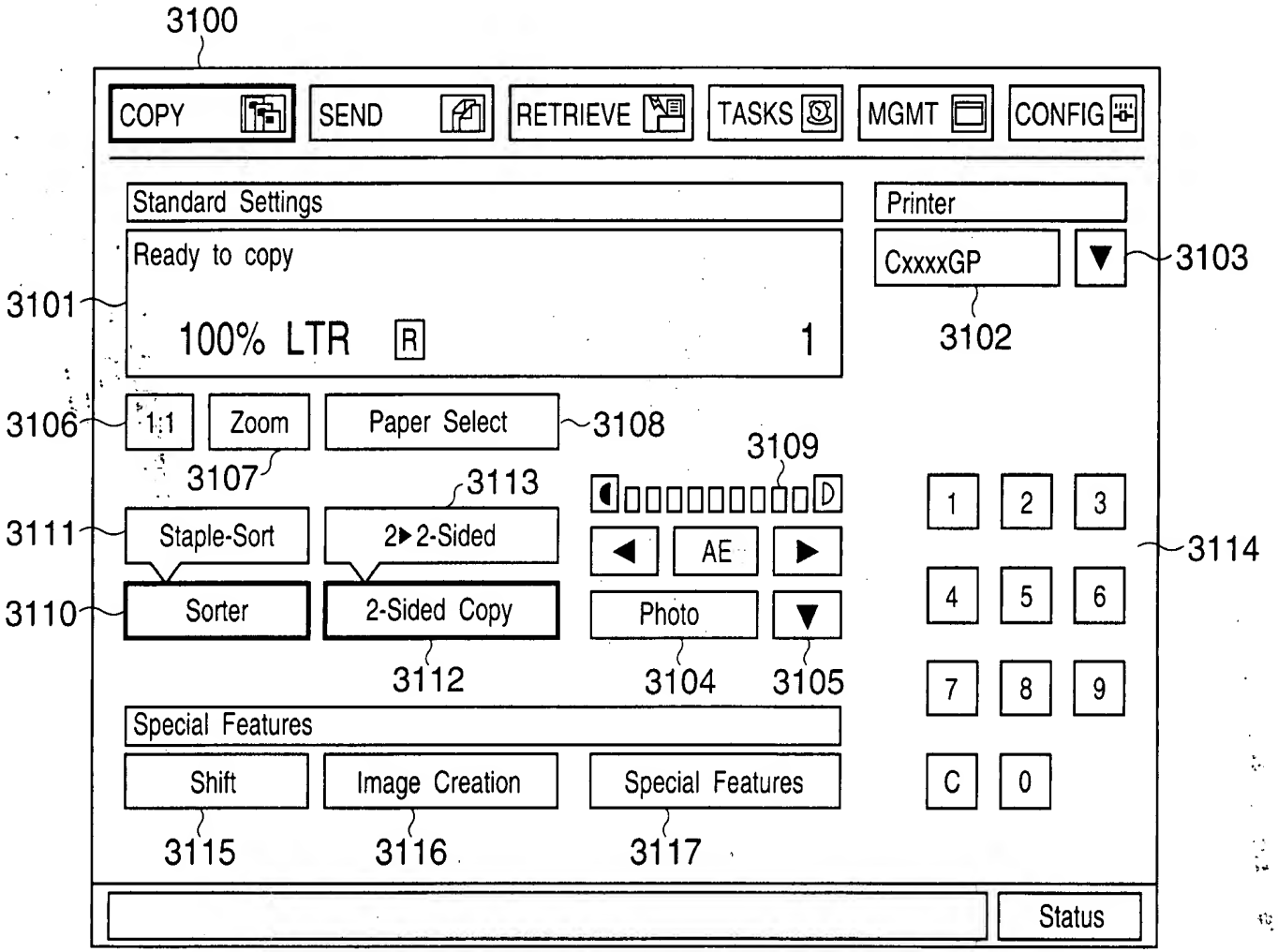

3100
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Standard Settings
Ready to copy
100% LTR
R
1
3101
Printer
CxxxxGP
3102
3103
1:1
Zoom
Paper Select
3106
3107
3108
3109
3113
Staple-Sort
2▶2-Sided
3111
Sorter
2-Sided Copy
3110
3112
AE
Photo
3104
3105
1
2
3
4
5
6
7
8
9
C
0
3114
Special Features
Shift
Image Creation
Special Features
3115
3116
3117
Status

FIG. 17

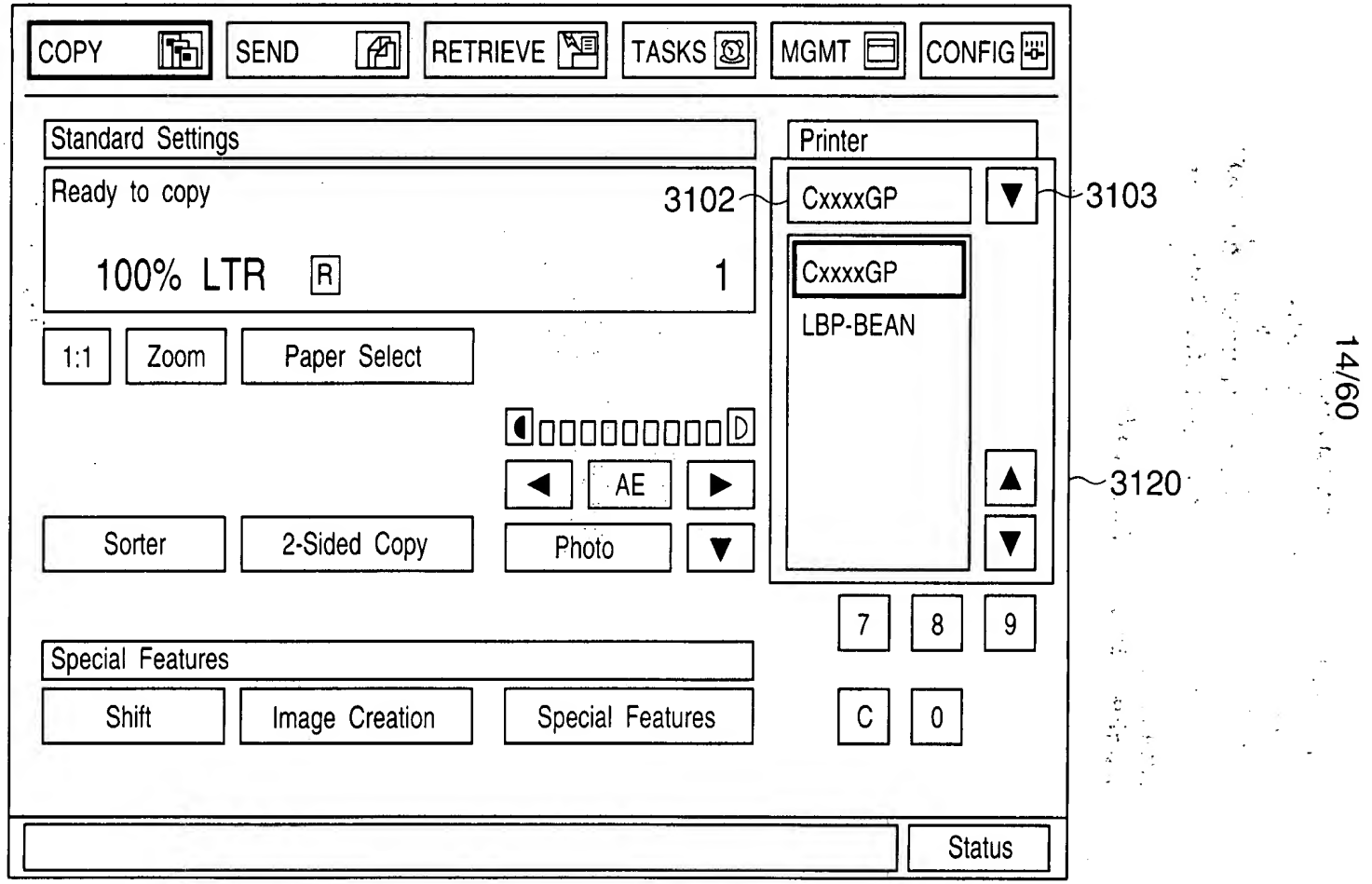

COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Standard Settings
Ready to copy
3102
100% LTR
R
1
1:1
Zoom
Paper Select
AE
Sorter
2-Sided Copy
Photo
Special Features
Shift
Image Creation
Special Features
Printer
CxxxxGP
3103
CxxxxGP
LBP-BEAN
3120
7
8
9
C
0
Status

FIG. 18

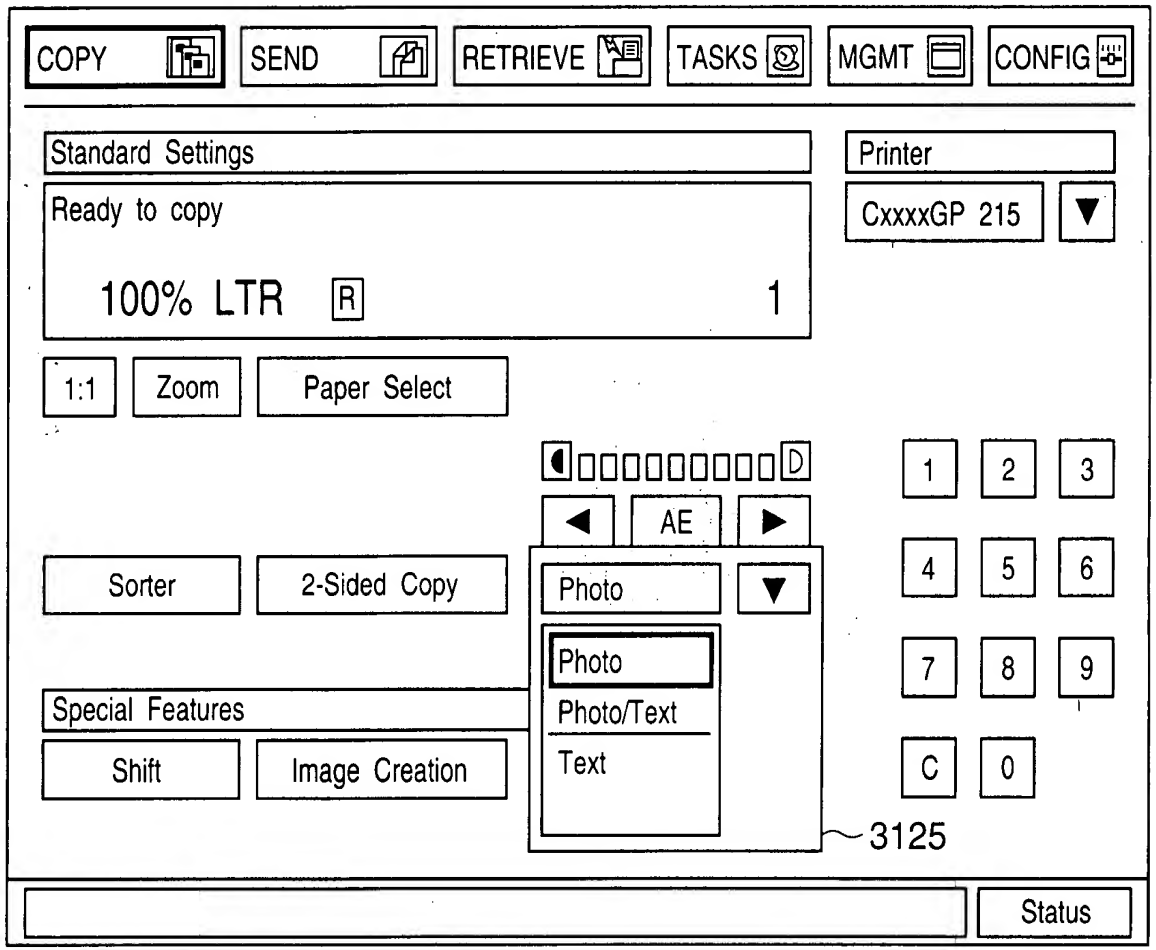

COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Standard Settings
Ready to copy
100% LTR
R
1
Printer
CxxxxGP 215
1:1
Zoom
Paper Select
AE
Sorter
2-Sided Copy
Photo
Photo
Photo/Text
Text
Special Features
Shift
Image Creation
1
2
3
4
5
6
7
8
9
C
0
3125
Status

FIG. 19

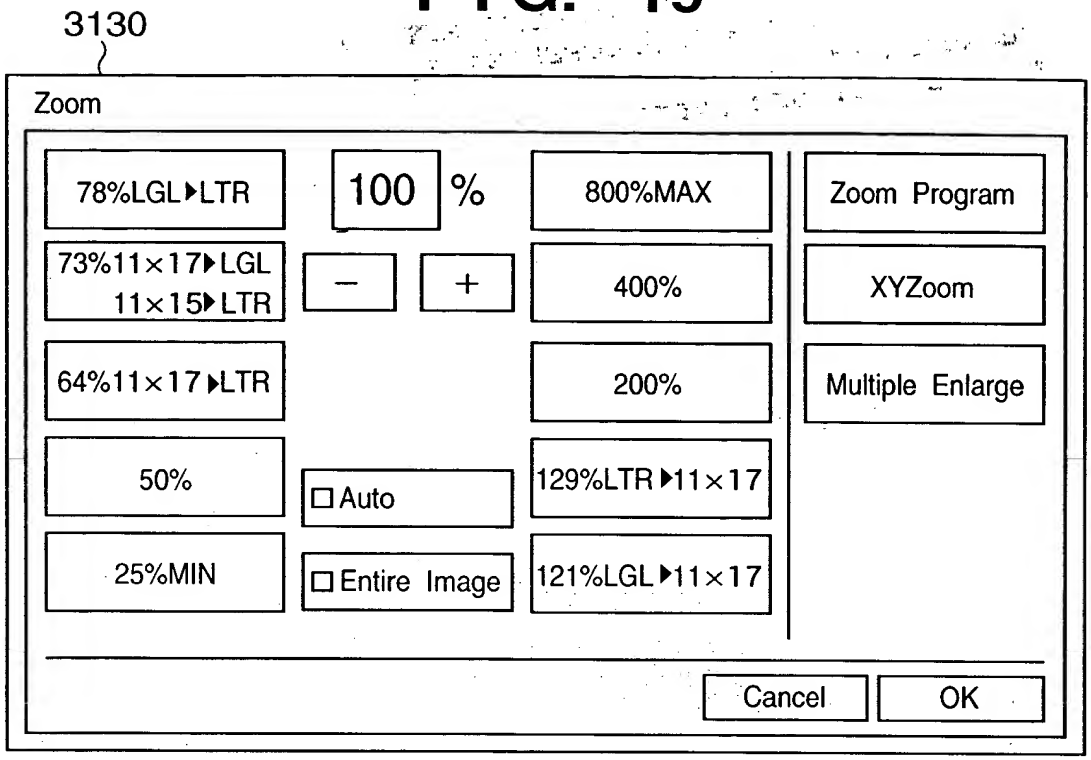

3130
Zoom
78%LGL▶LTR
100 %
800%MAX
Zoom Program
73%11×17▶LGL
11×15▶LTR
−
+
400%
XYZoom
64%11×17▶LTR
200%
Multiple Enlarge
50%
☐Auto
129%LTR▶11×17
25%MIN
☐Entire Image
121%LGL▶11×17
Cancel
OK

FIG. 20

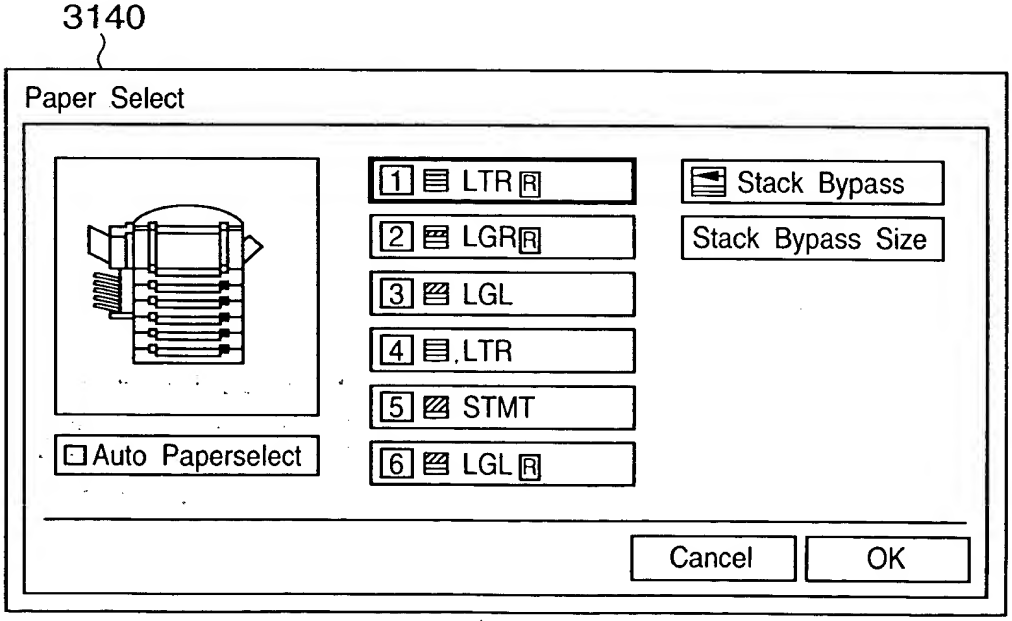

3140
Paper Select
1 LTR R
2 LGR R
3 LGL
4 LTR
5 STMT
6 LGL R
Stack Bypass
Stack Bypass Size
☐Auto Paperselect
Cancel
OK

FIG. 21

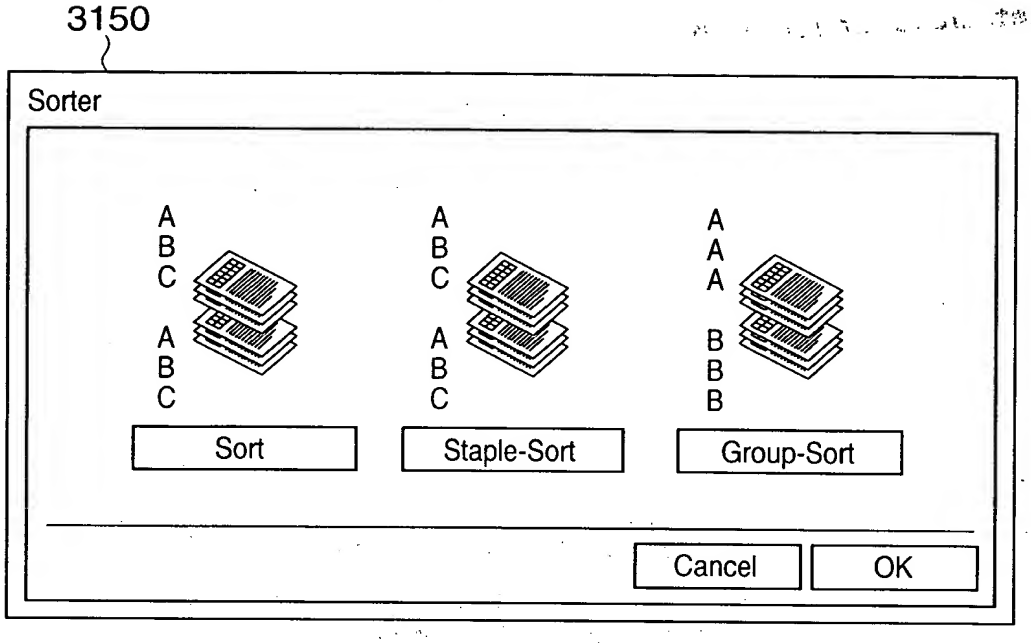

3150
Sorter
A
B
C
A
B
C
Sort
A
B
C
A
B
C
Staple-Sort
A
A
A
B
B
B
Group-Sort
Cancel
OK

FIG. 22

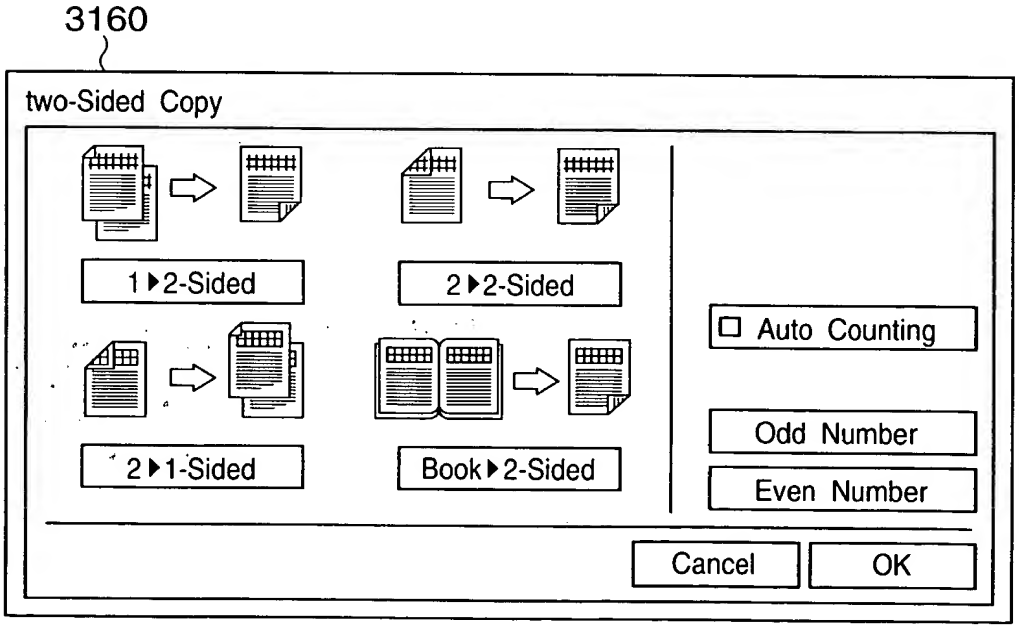

3160
two-Sided Copy
1▶2-Sided
2▶2-Sided
2▶1-Sided
Book▶2-Sided
Auto Counting
Odd Number
Even Number
Cancel
OK

FIG. 23

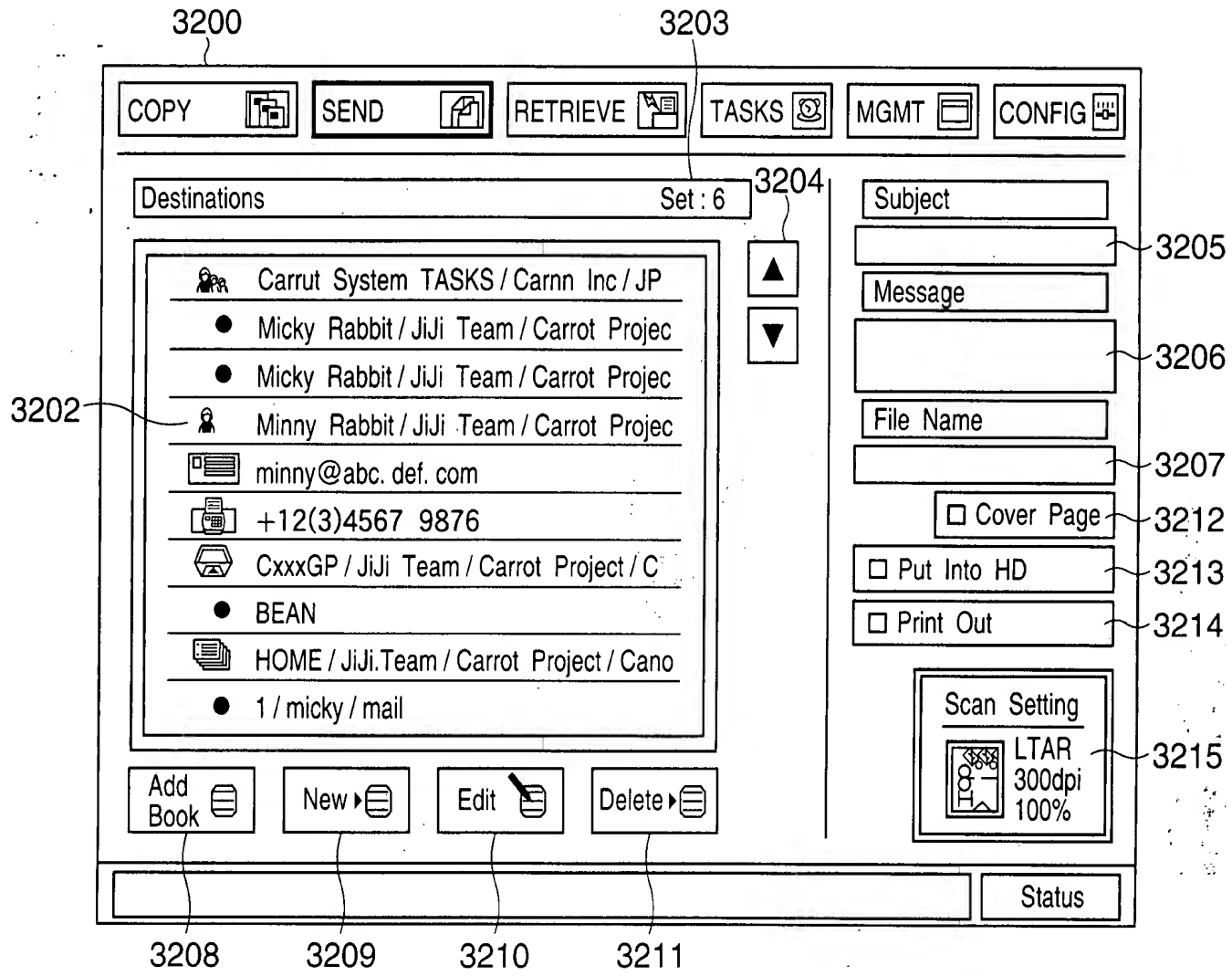

3200
3203
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Destinations
Set : 6
3204
Subject
3205
Message
3206
3202
Carrut System TASKS / Carnn Inc / JP
Micky Rabbit / JiJi Team / Carrot Projec
Micky Rabbit / JiJi Team / Carrot Projec
Minny Rabbit / JiJi Team / Carrot Projec
File Name
minny@abc. def. com
3207
+12(3)4567 9876
Cover Page
3212
CxxxGP / JiJi Team / Carrot Project / C
Put Into HD
3213
BEAN
Print Out
3214
HOME / JiJi.Team / Carrot Project / Cano
1 / micky / mail
Scan Setting
LTAR
300dpi
100%
3215
Add Book
New
Edit
Delete
Status
3208
3209
3210
3211

FIG. 24

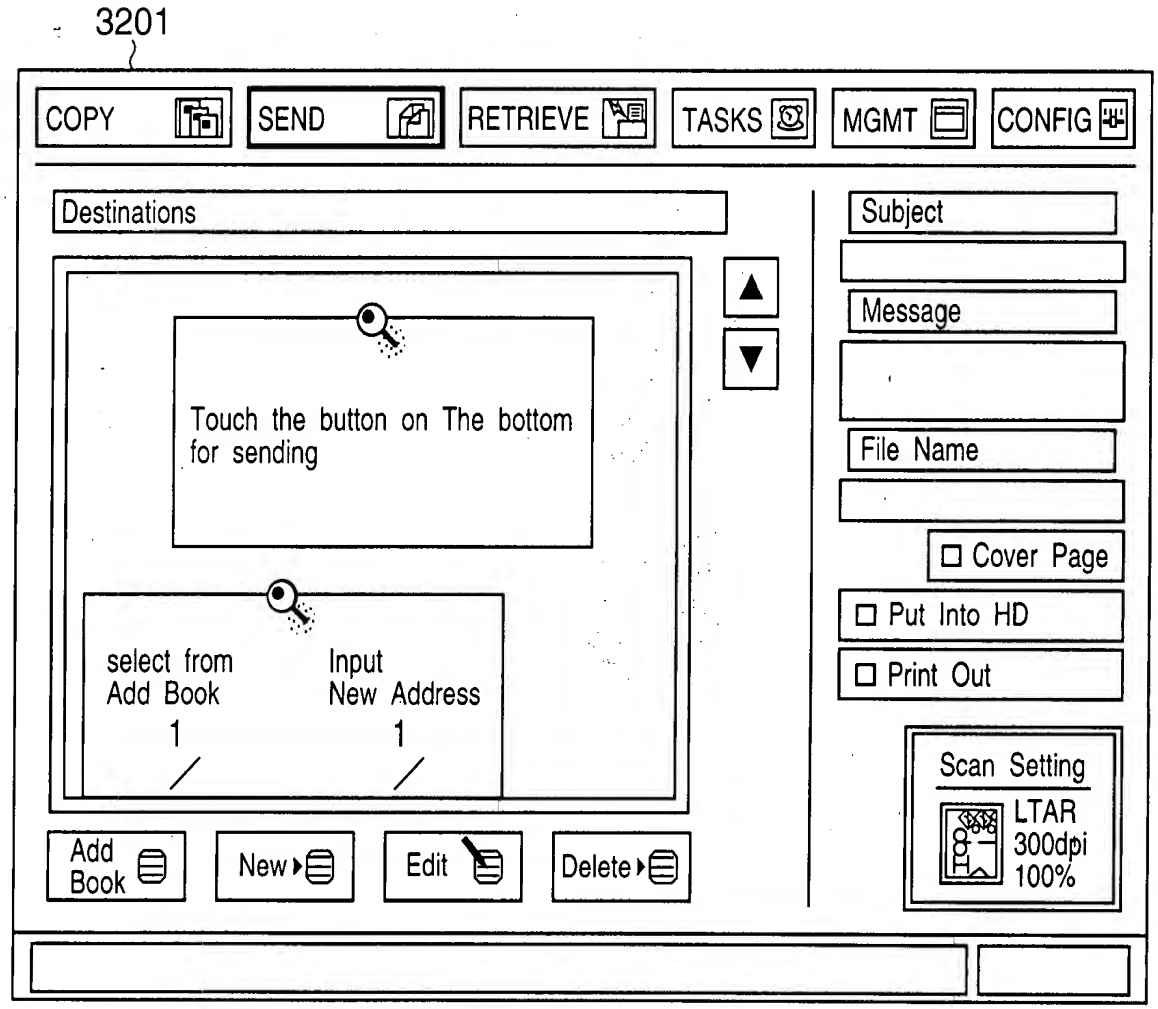

3201
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Destinations
Touch the button on The bottom for sending
select from Add Book
1
Input New Address
1
Add Book
New
Edit
Delete
Subject
Message
File Name
Cover Page
Put Into HD
Print Out
Scan Setting
LTAR
300dpi
100%

FIG. 25

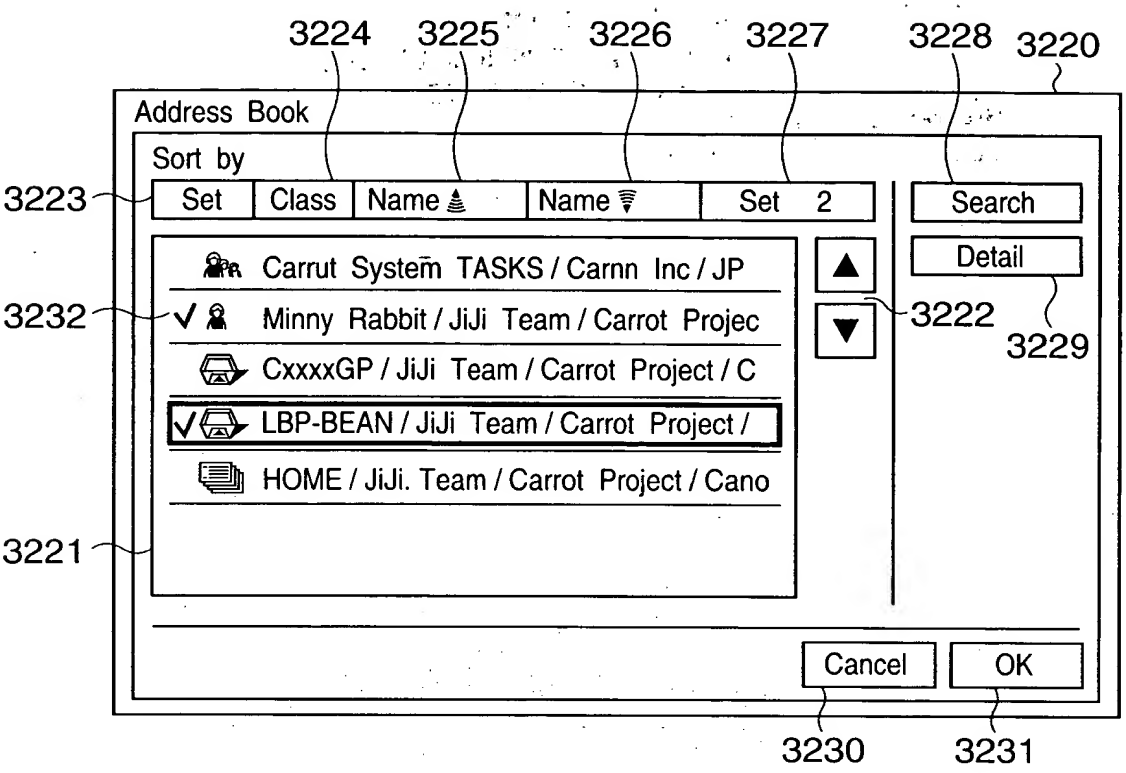

3224
3225
3226
3227
3228
3220
Address Book
Sort by
3223
Set
Class
Name
Name
Set 2
Search
Carrut System TASKS / Carnn Inc / JP
3232
Minny Rabbit / JiJi Team / Carrot Projec
CxxxxGP / JiJi Team / Carrot Project / C
LBP-BEAN / JiJi Team / Carrot Project /
HOME / JiJi. Team / Carrot Project / Cano
3221
3222
Detail
3229
Cancel
OK
3230
3231

FIG. 26

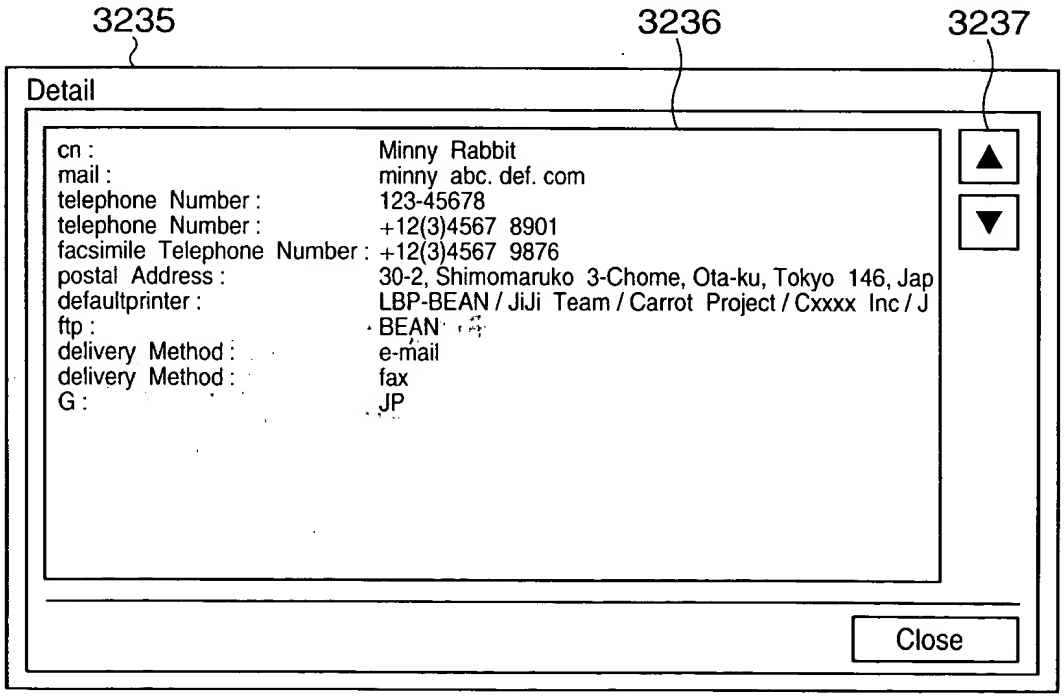

3235
3236
3237
Detail
cn : Minny Rabbit
mail : minny abc. def. com
telephone Number : 123-45678
telephone Number : +12(3)4567 8901
facsimile Telephone Number : +12(3)4567 9876
postal Address : 30-2, Shimomaruko 3-Chome, Ota-ku, Tokyo 146, Jap
defaultprinter : LBP-BEAN / JiJi Team / Carrot Project / Cxxxx Inc / J
ftp : BEAN
delivery Method : e-mail
delivery Method : fax
G : JP
Close

FIG. 27

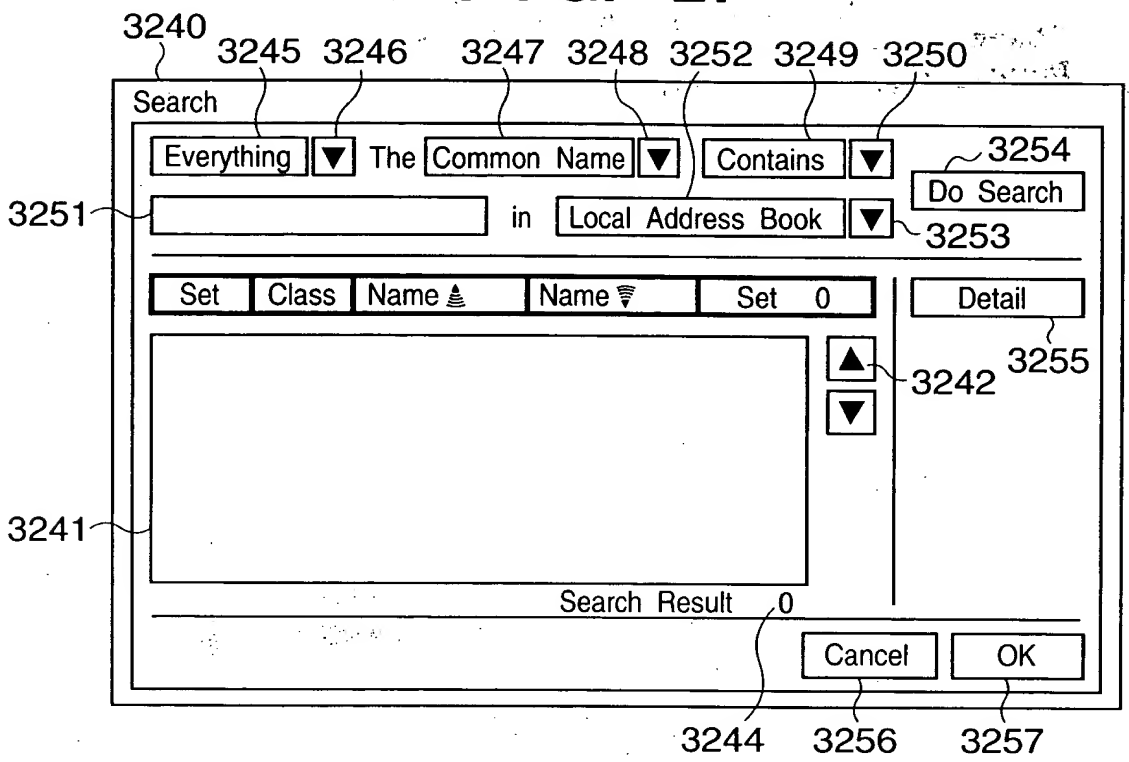

3240
3245
3246
3247
3248
3252
3249
3250
Search
Everything
The
Common Name
Contains
3254
Do Search
3251
in
Local Address Book
3253
Set
Class
Name
Name
Set 0
Detail
3255
3242
3241
Search Result 0
Cancel
OK
3244
3256
3257

FIG. 28

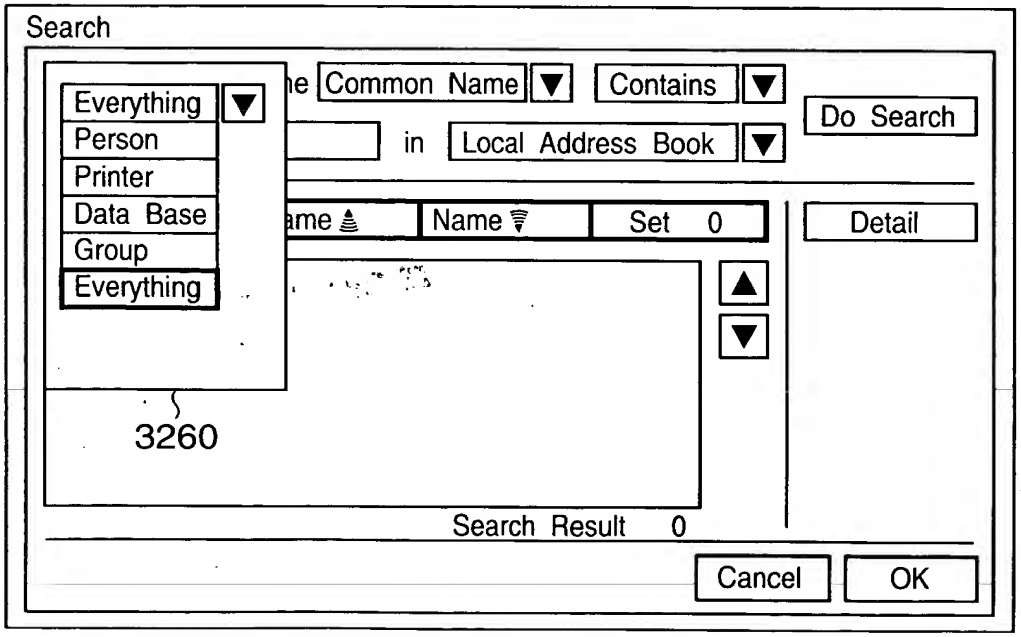

Search
Everything
Person
Printer
Data Base
Group
Everything
Common Name
Contains
Do Search
in
Local Address Book
Name
Set 0
Detail
3260
Search Result 0
Cancel
OK

FIG. 29

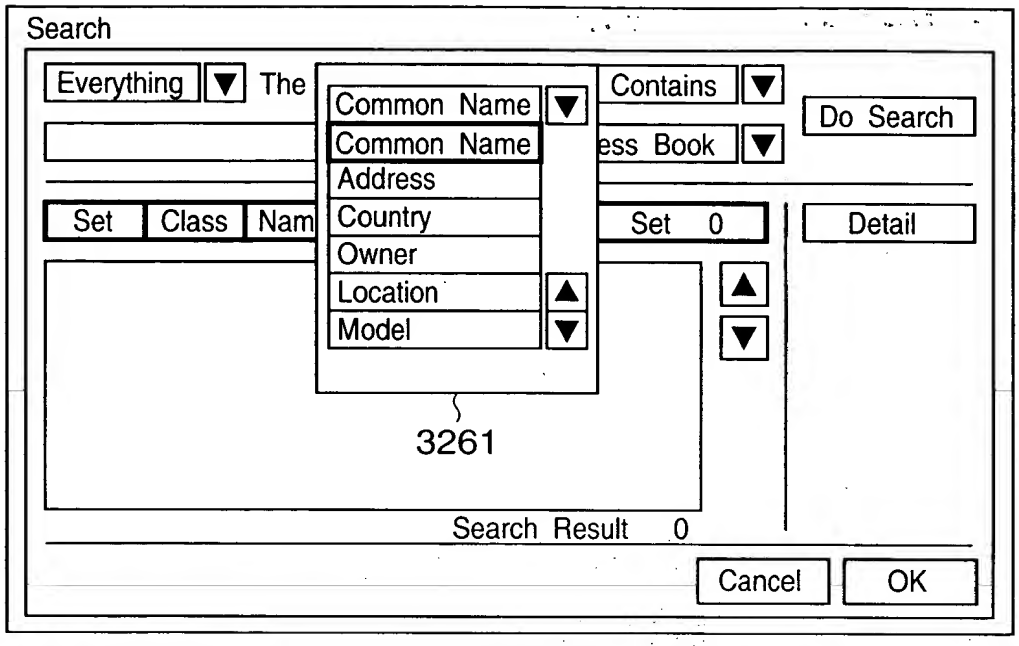

Search
Everything
The
Common Name
Common Name
Address
Country
Owner
Location
Model
Contains
ess Book
Do Search
Set
Class
Nam
Set 0
Detail
3261
Search Result 0
Cancel
OK

FIG. 30

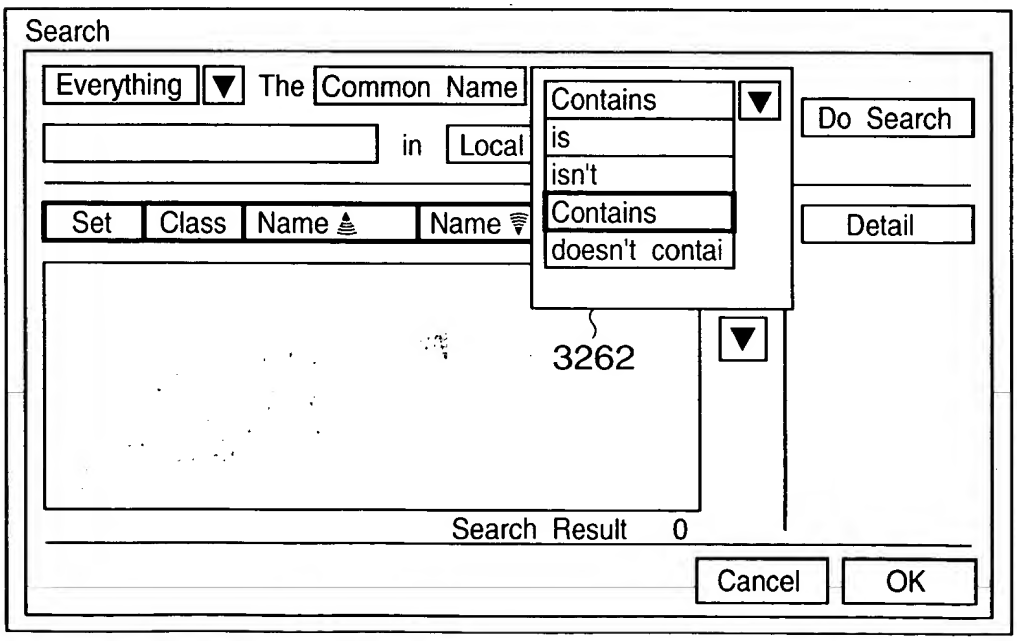

Search
Everything
The
Common Name
in
Local
Contains
is
isn't
Contains
doesn't contai
Do Search
Detail
Set
Class
Name
Name
3262
Search Result 0
Cancel
OK

FIG. 31

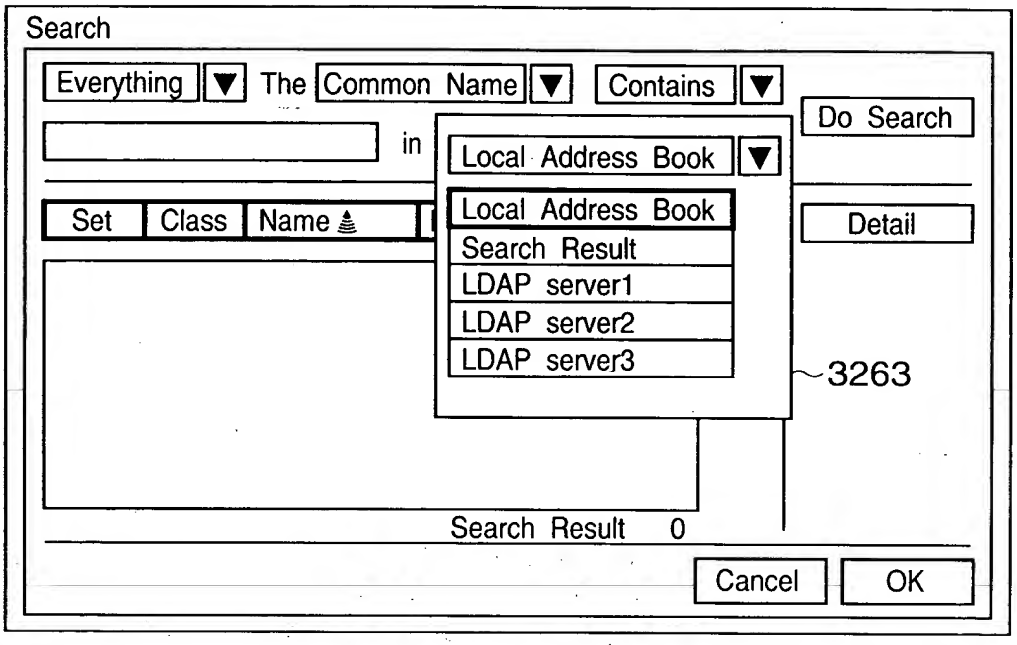

Search
Everything
The
Common Name
Contains
Do Search
in
Local Address Book
Set
Class
Name
Local Address Book
Search Result
LDAP server1
LDAP server2
LDAP server3
Detail
3263
Search Result 0
Cancel
OK

FIG. 32

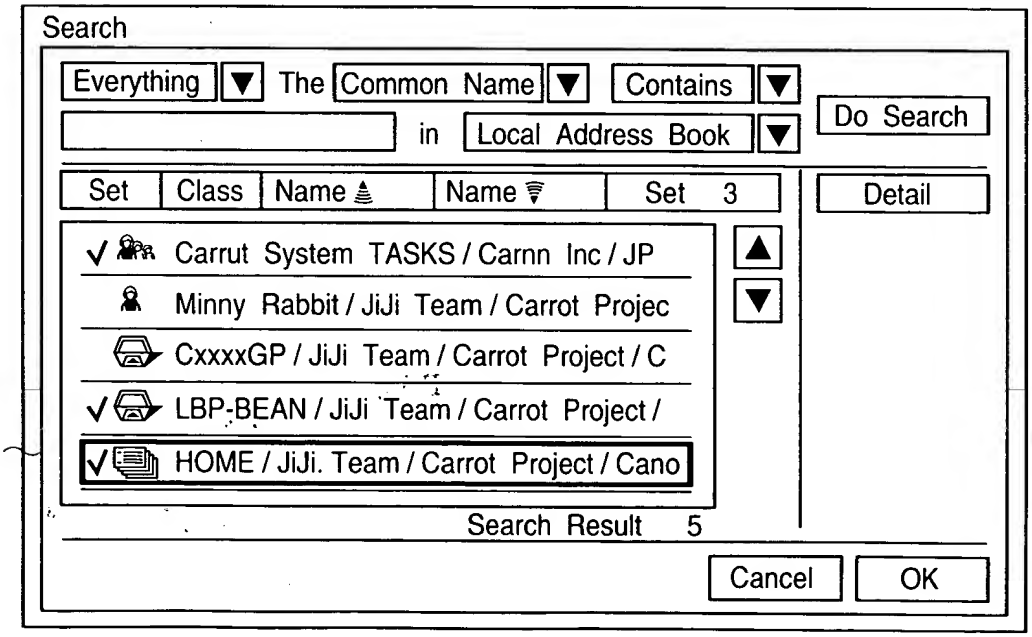

Search
Everything
The
Common Name
Contains
Do Search
in
Local Address Book
Set
Class
Name
Name
Set 3
Detail
Carrut System TASKS / Carnn Inc / JP
Minny Rabbit / JiJi Team / Carrot Projec
CxxxxGP / JiJi Team / Carrot Project / C
LBP-BEAN / JiJi Team / Carrot Project /
HOME / JiJi. Team / Carrot Project / Cano
3265
Search Result 5
Cancel
OK

FIG. 33

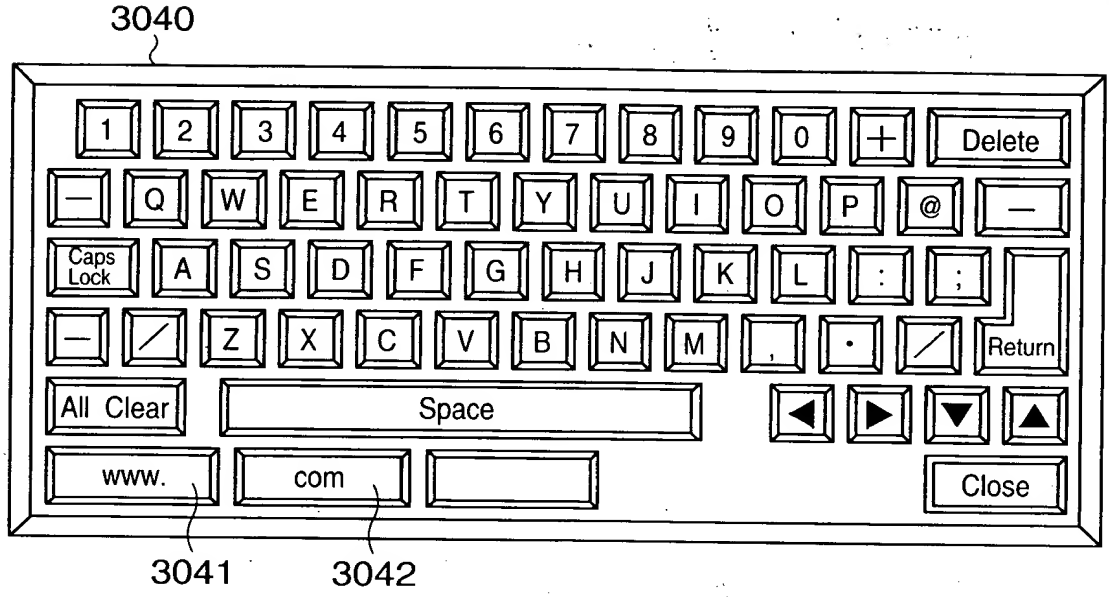

3040
1
2
3
4
5
6
7
8
9
0
+
Delete
—
Q
W
E
R
T
Y
U
I
O
P
@
—
Caps Lock
A
S
D
F
G
H
J
K
L
:
;
—
/
Z
X
C
V
B
N
M
,
.
/
Return
All Clear
Space
www.
com
Close
3041
3042

FIG. 34

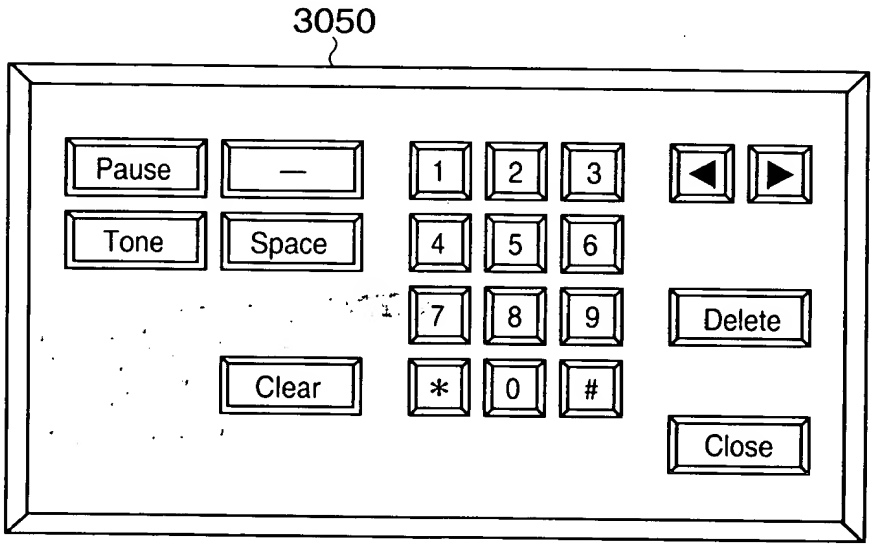

3050
Pause
—
1
2
3
Tone
Space
4
5
6
7
8
9
Delete
Clear
*
0
#
Close

FIG. 35

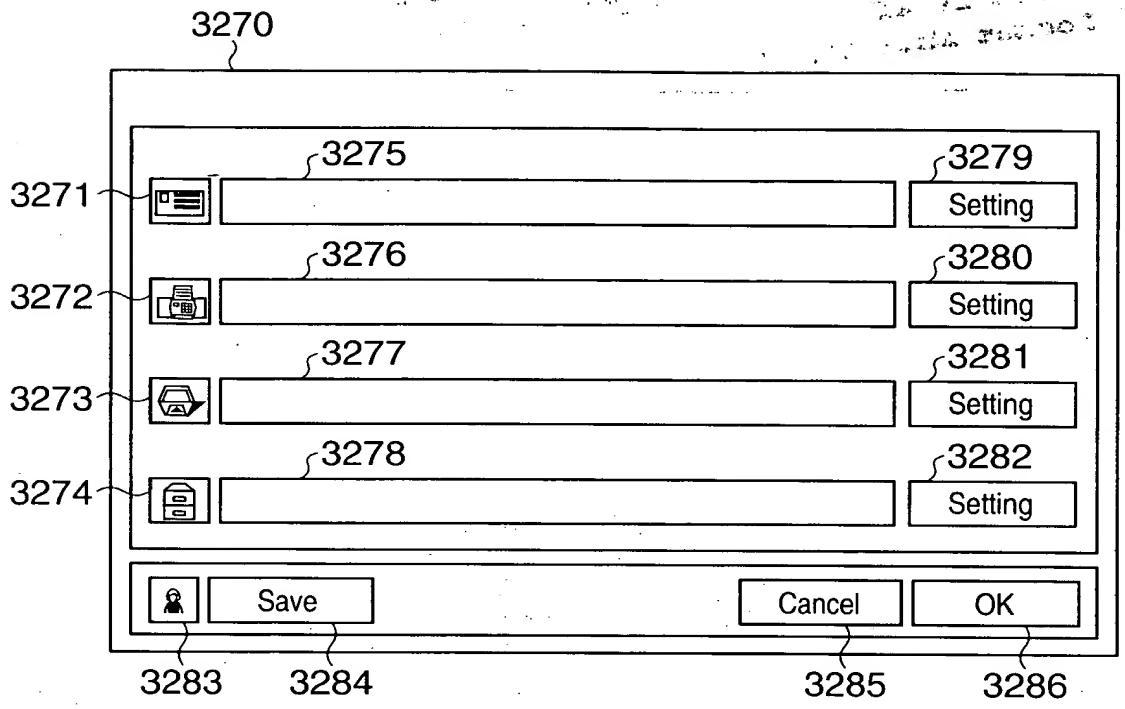

3270
3271
3272
3273
3274
3275
3276
3277
3278
3279
3280
3281
3282
Setting
Setting
Setting
Setting
Save
Cancel
OK
3283
3284
3285
3286

FIG. 36

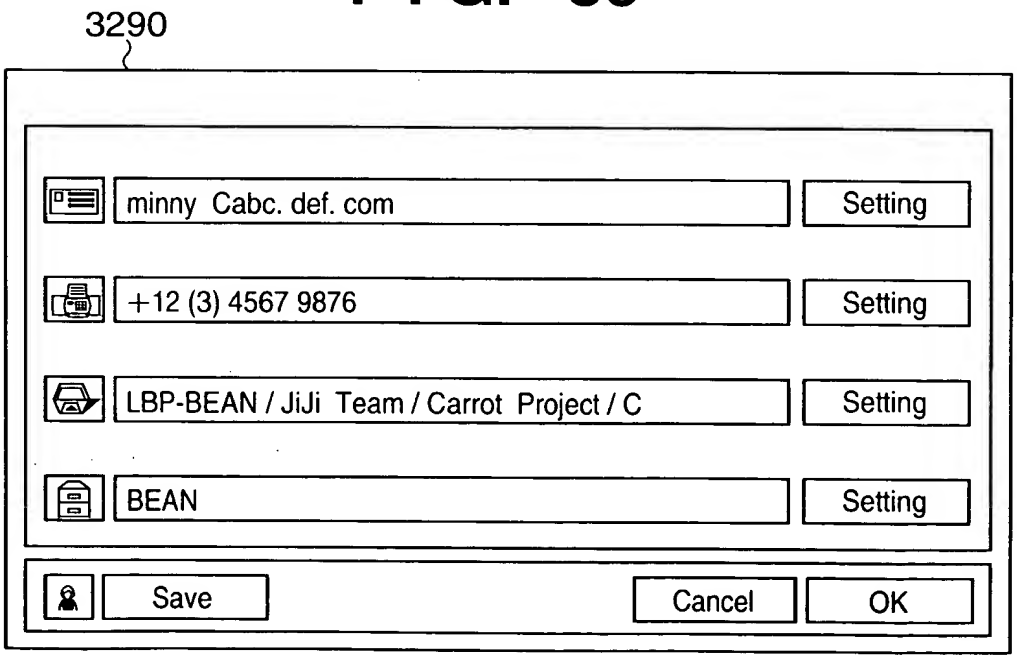

3290
minny Cabc. def. com
+12 (3) 4567 9876
LBP-BEAN / JiJi Team / Carrot Project / C
BEAN
Setting
Setting
Setting
Setting
Save
Cancel
OK

FIG. 37

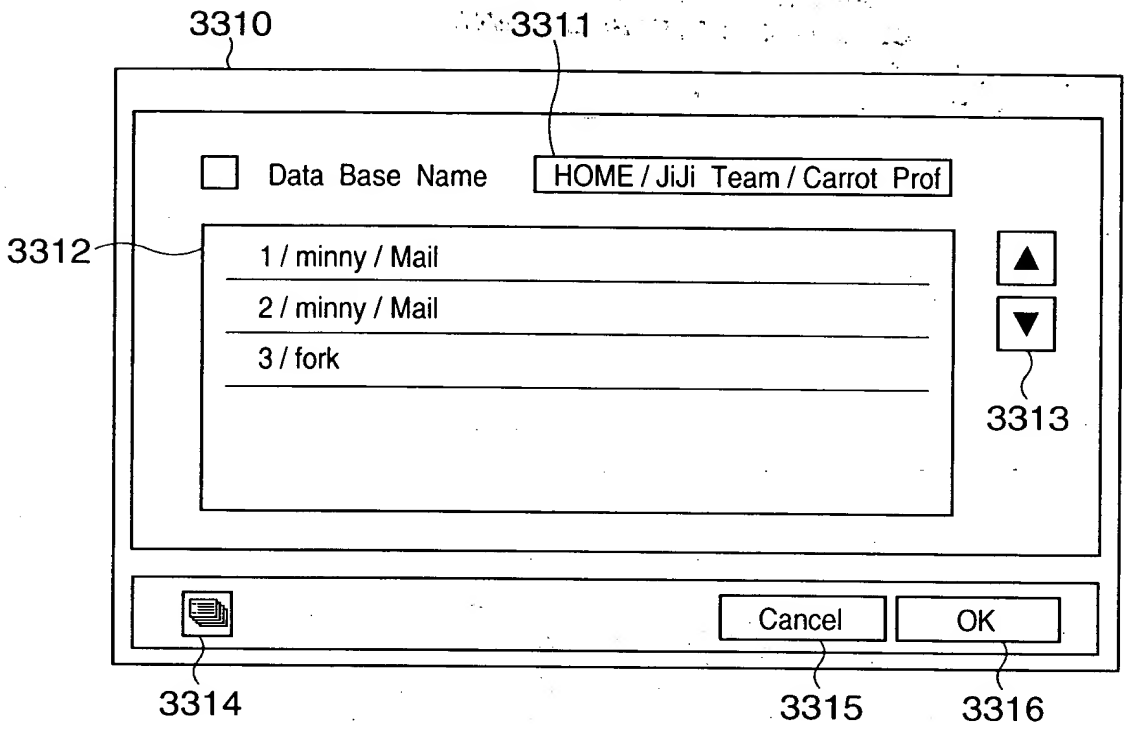

3310
3311
Data Base Name
HOME / JiJi Team / Carrot Prof
3312
1 / minny / Mail
2 / minny / Mail
3 / fork
3313
Cancel
OK
3314
3315
3316

FIG. 38

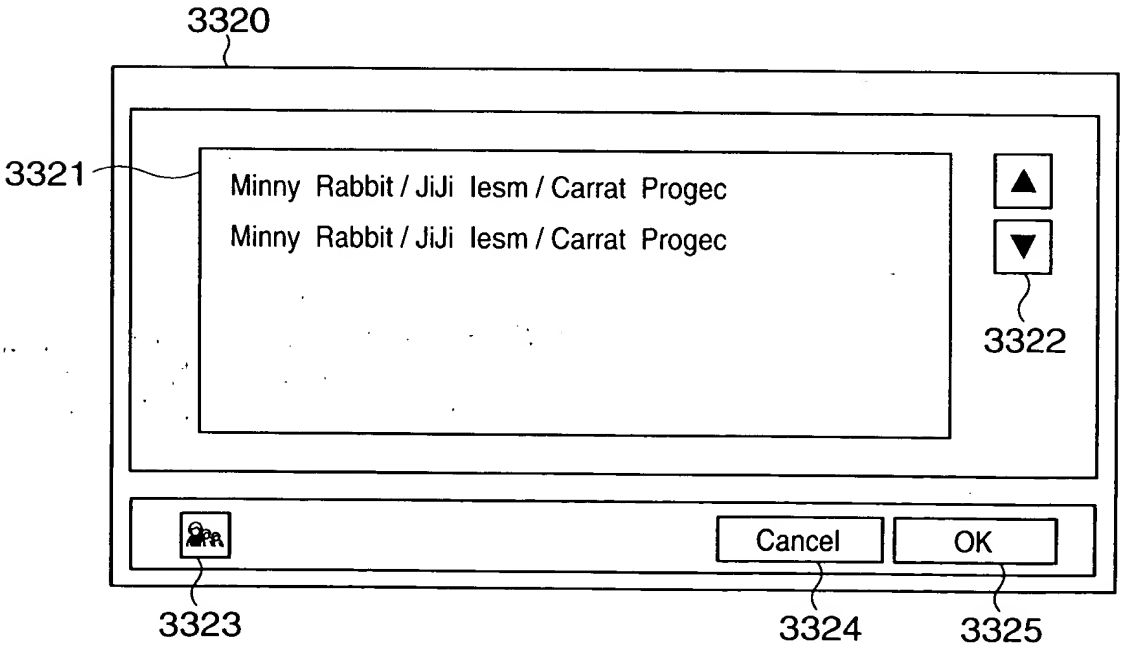

3320
3321
Minny Rabbit / JiJi Iesm / Carrat Progec
Minny Rabbit / JiJi Iesm / Carrat Progec
3322
Cancel
OK
3323
3324
3325

FIG. 39

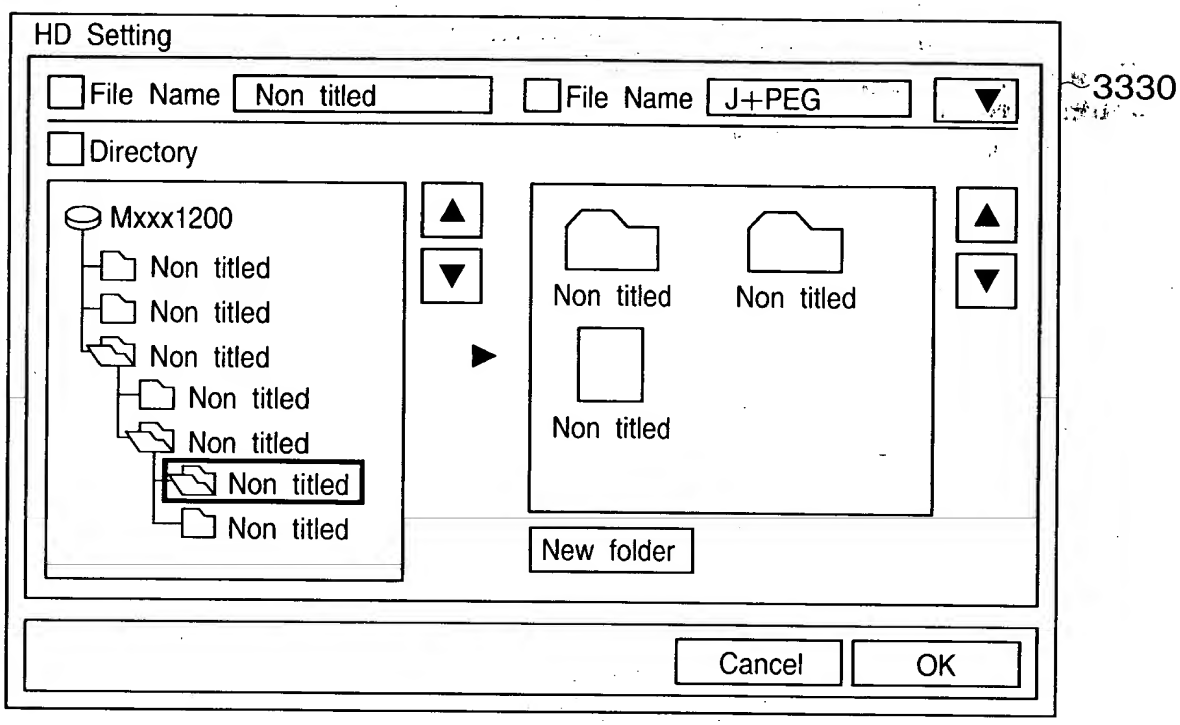

HD Setting
File Name
Non titled
File Name
J+PEG
3330
Directory
Mxxx1200
Non titled
Non titled
Non titled
Non titled
Non titled
Non titled
Non titled
Non titled
Non titled
Non titled
New folder
Cancel
OK

FIG. 40

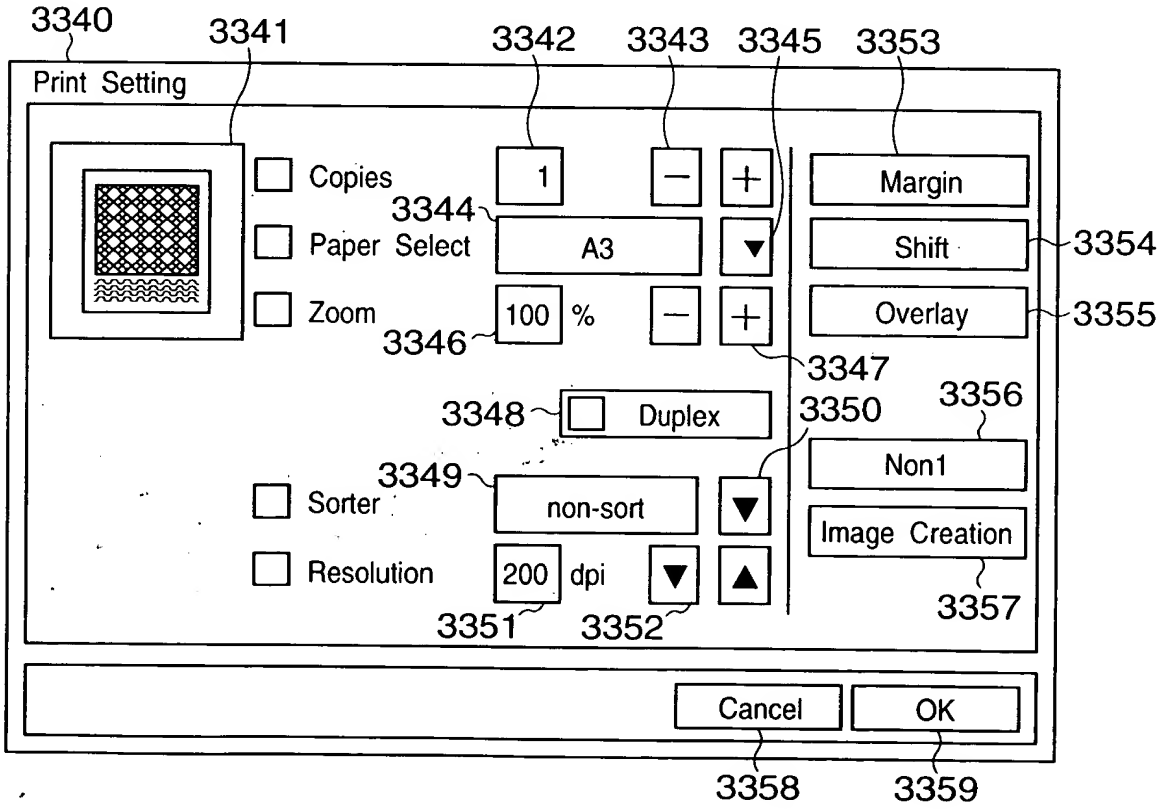

3340
3341
3342
3343
3345
3353
Print Setting
Copies
1
Margin
3344
Paper Select
A3
Shift
3354
Zoom
100
%
Overlay
3355
3346
3347
3348
Duplex
3350
3356
3349
Sorter
non-sort
Non1
Image Creation
Resolution
200
dpi
3351
3352
3357
Cancel
OK
3358
3359

FIG. 41

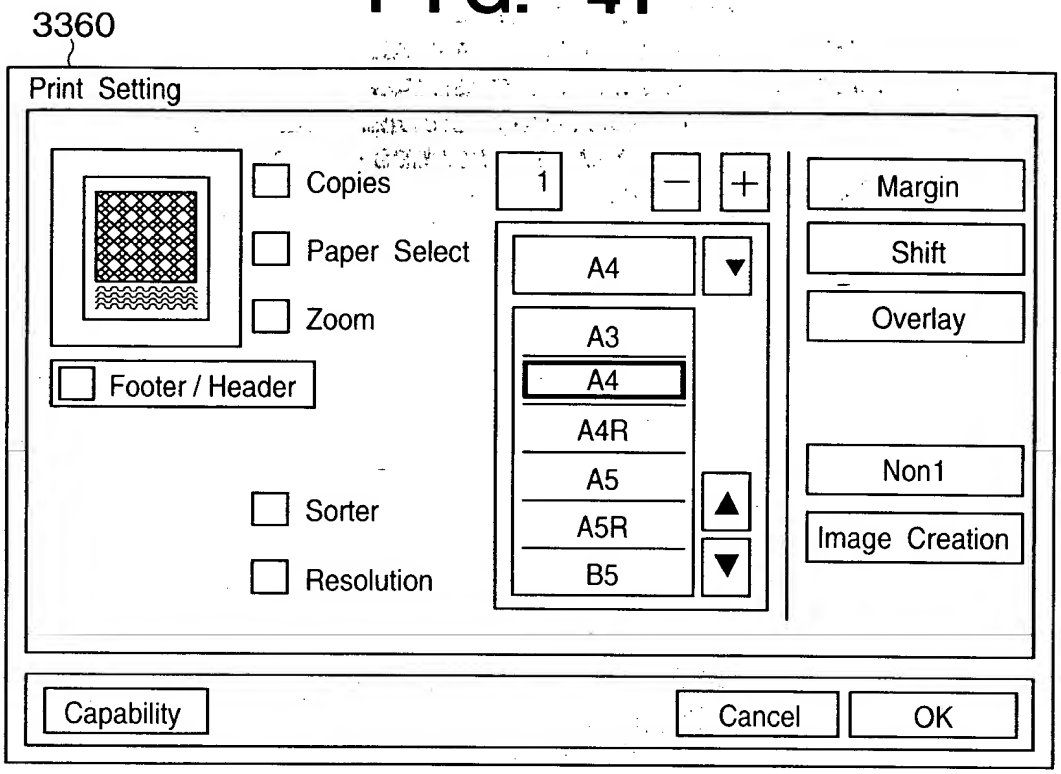

3360
Print Setting
Copies
1
Paper Select
A4
Zoom
A3
A4
A4R
A5
A5R
B5
Footer / Header
Sorter
Resolution
Margin
Shift
Overlay
Non1
Image Creation
Capability
Cancel
OK

FIG. 42

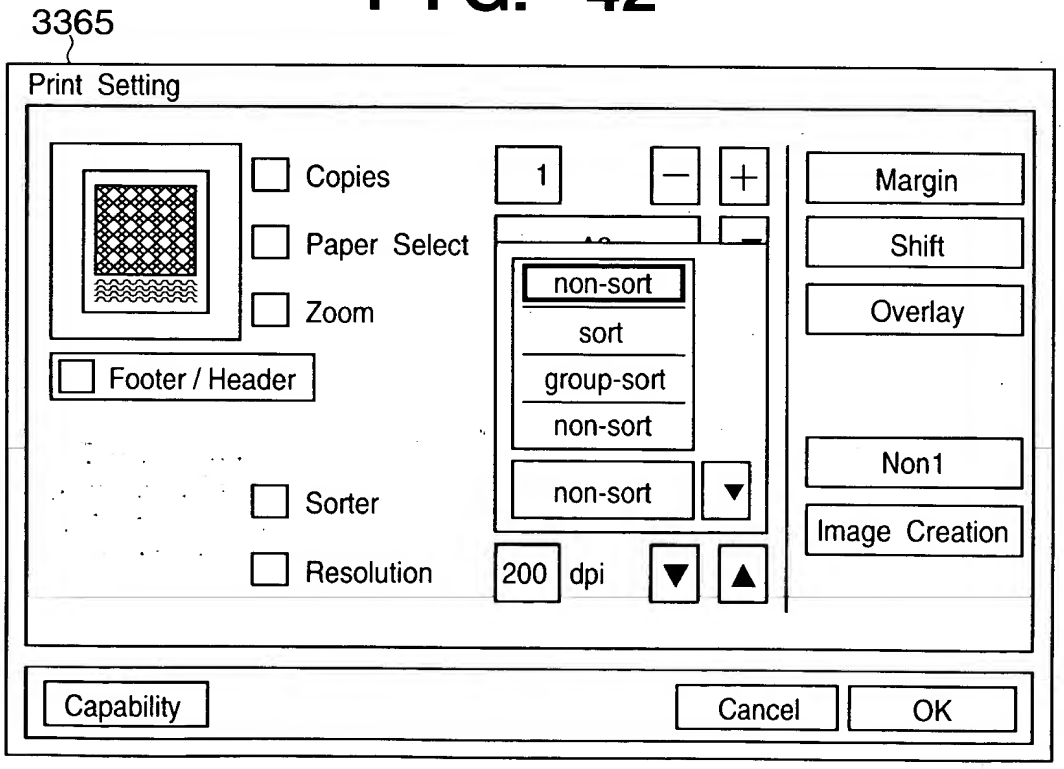

3365
Print Setting
Copies
1
Paper Select
Zoom
non-sort
sort
group-sort
non-sort
Footer / Header
non-sort
Sorter
Resolution
200
dpi
Margin
Shift
Overlay
Non1
Image Creation
Capability
Cancel
OK

FIG. 43

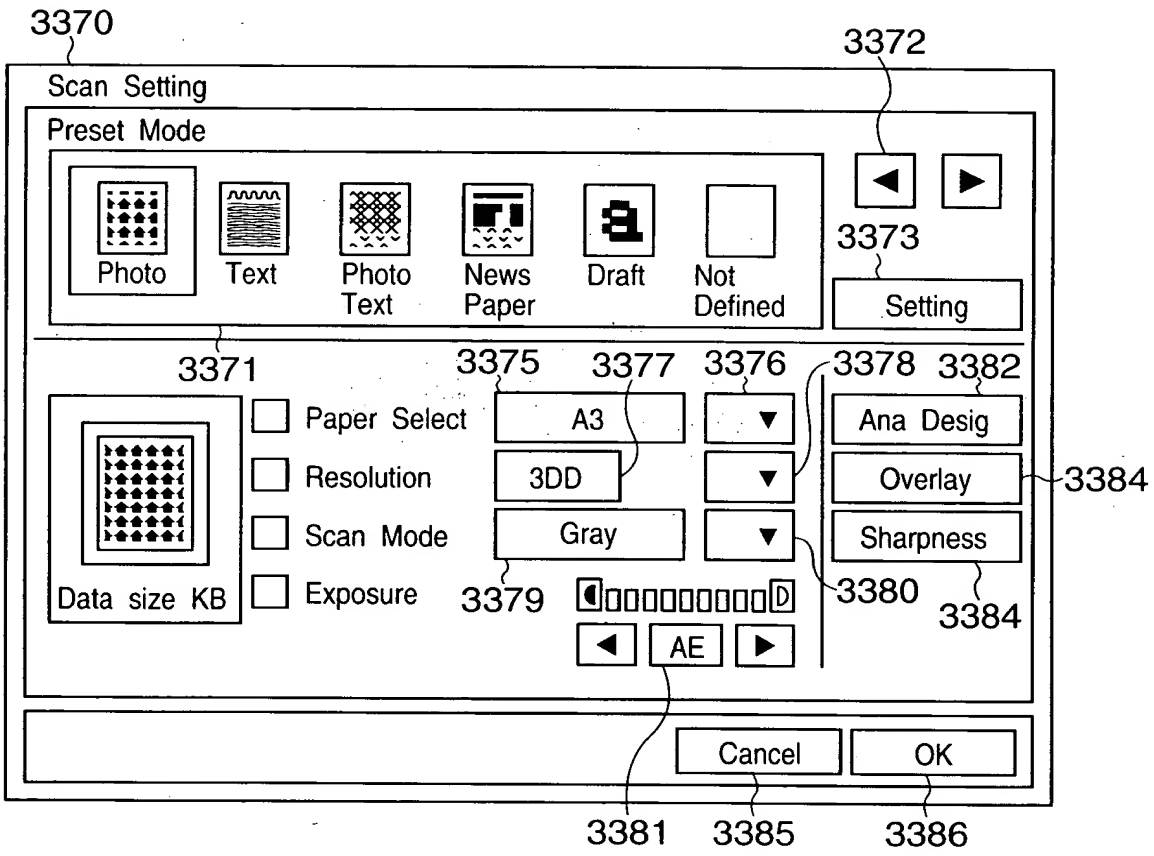

3370
3372
Scan Setting
Preset Mode
Photo
Text
Photo Text
News Paper
Draft
Not Defined
3373
Setting
3371
3375
3377
3376
3378
3382
Paper Select
A3
Ana Desig
Resolution
3DD
Overlay
3384
Scan Mode
Gray
Sharpness
Data size KB
Exposure
3379
3380
3384
AE
Cancel
OK
3381
3385
3386

FIG. 44

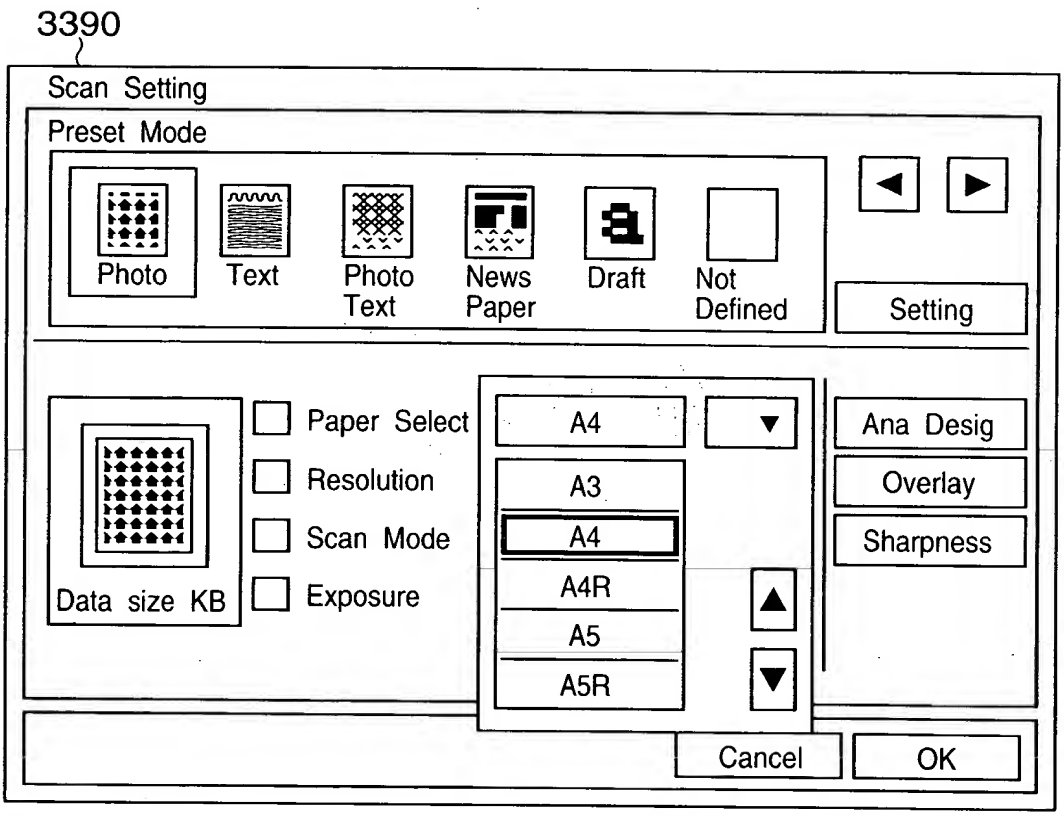

3390
Scan Setting
Preset Mode
Photo
Text
Photo Text
News Paper
Draft
Not Defined
Setting
Paper Select
Resolution
Scan Mode
Exposure
Data size KB
A4
A3
A4
A4R
A5
A5R
Ana Desig
Overlay
Sharpness
Cancel
OK

FIG. 45

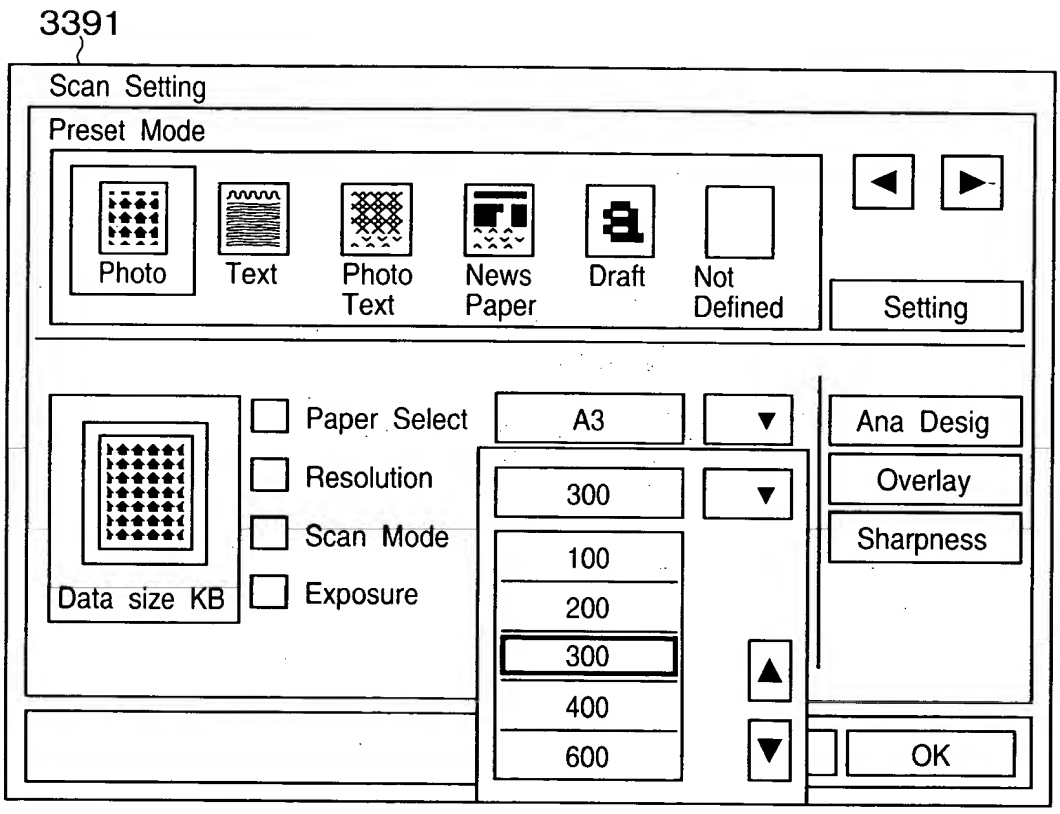

3391
Scan Setting
Preset Mode
Photo
Text
Photo Text
News Paper
Draft
Not Defined
Setting
Paper Select
A3
Resolution
300
Scan Mode
Exposure
Data size KB
100
200
300
400
600
Ana Desig
Overlay
Sharpness
OK

FIG. 46

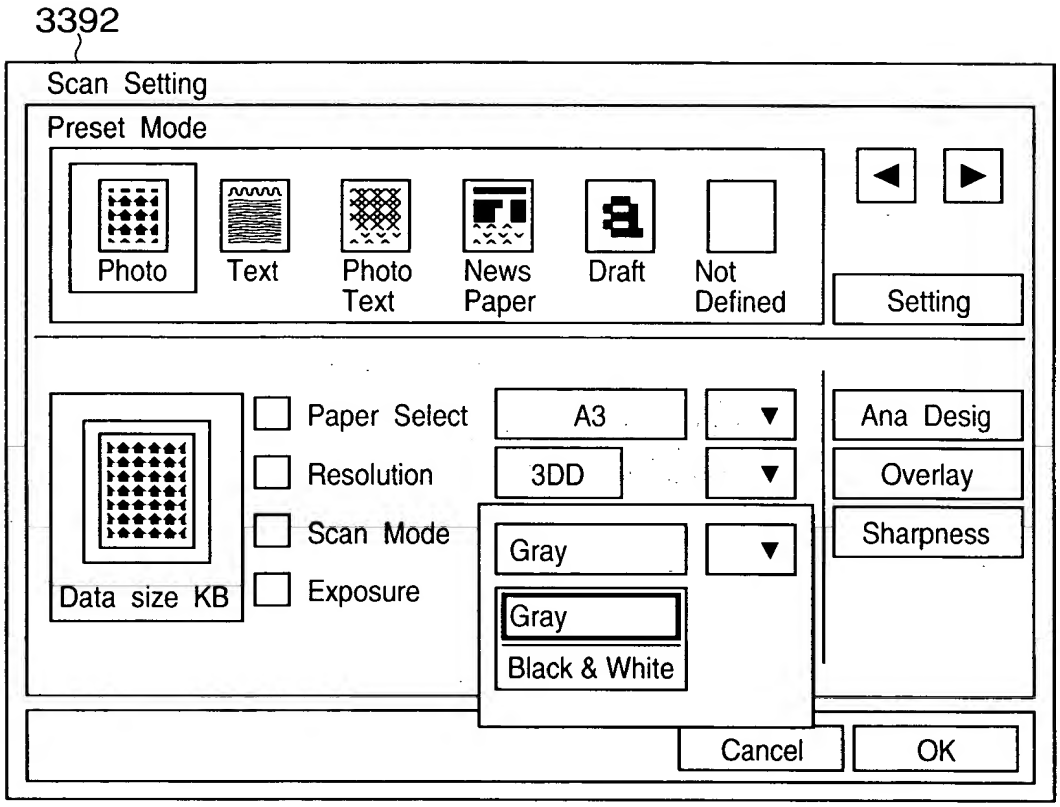

3392
Scan Setting
Preset Mode
Photo
Text
Photo Text
News Paper
Draft
Not Defined
Setting
Paper Select
A3
Resolution
3DD
Scan Mode
Gray
Exposure
Gray
Black & White
Data size KB
Ana Desig
Overlay
Sharpness
Cancel
OK

FIG. 47

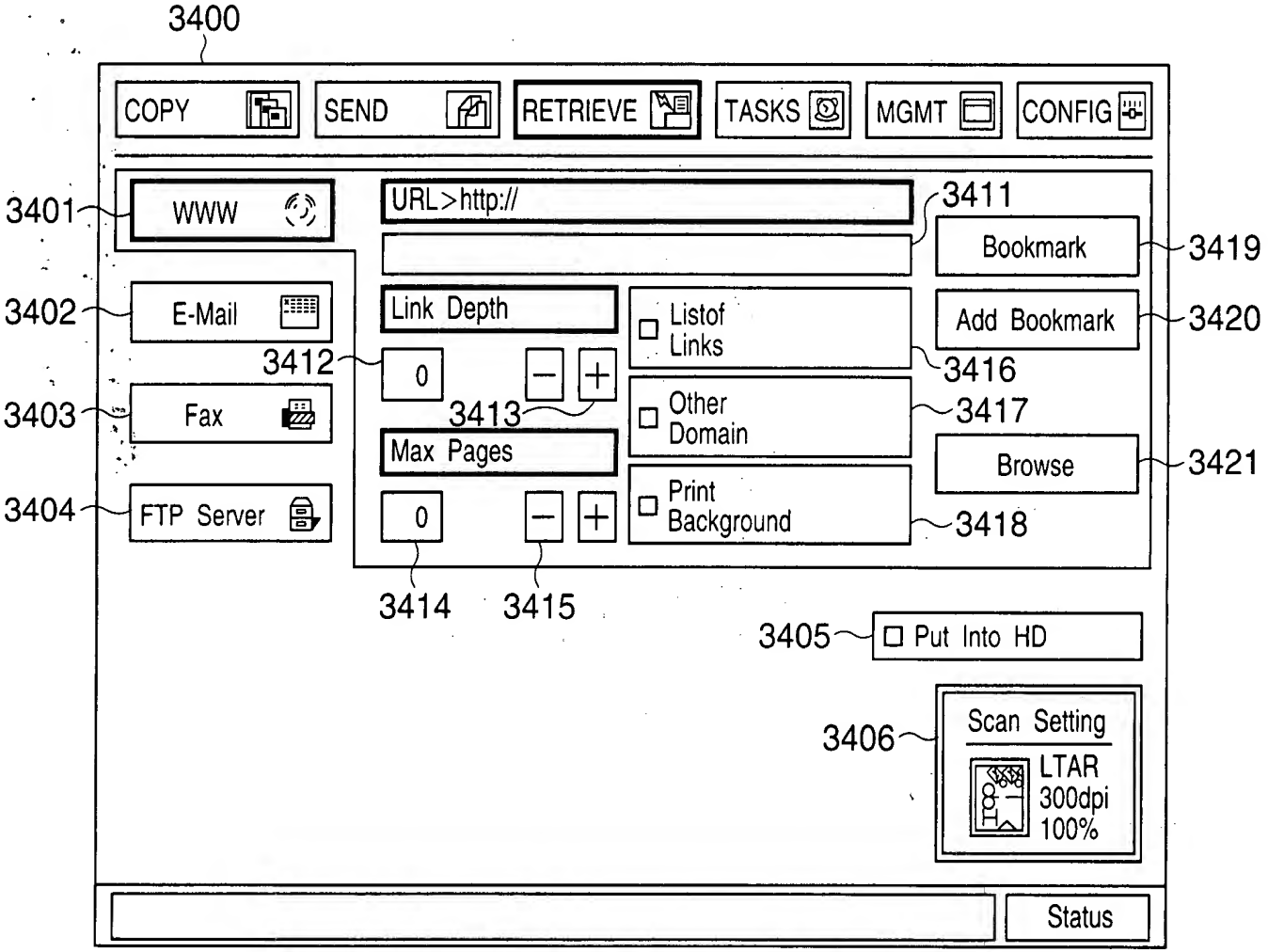

3400
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
3401
WWW
URL>http://
3411
Bookmark
3419
3402
E-Mail
Link Depth
Listof Links
Add Bookmark
3420
3412
0
3416
3403
Fax
3413
Other Domain
3417
Max Pages
Browse
3421
3404
FTP Server
0
Print Background
3418
3414
3415
3405
Put Into HD
3406
Scan Setting
LTAR
300dpi
100%
Status

FIG. 48

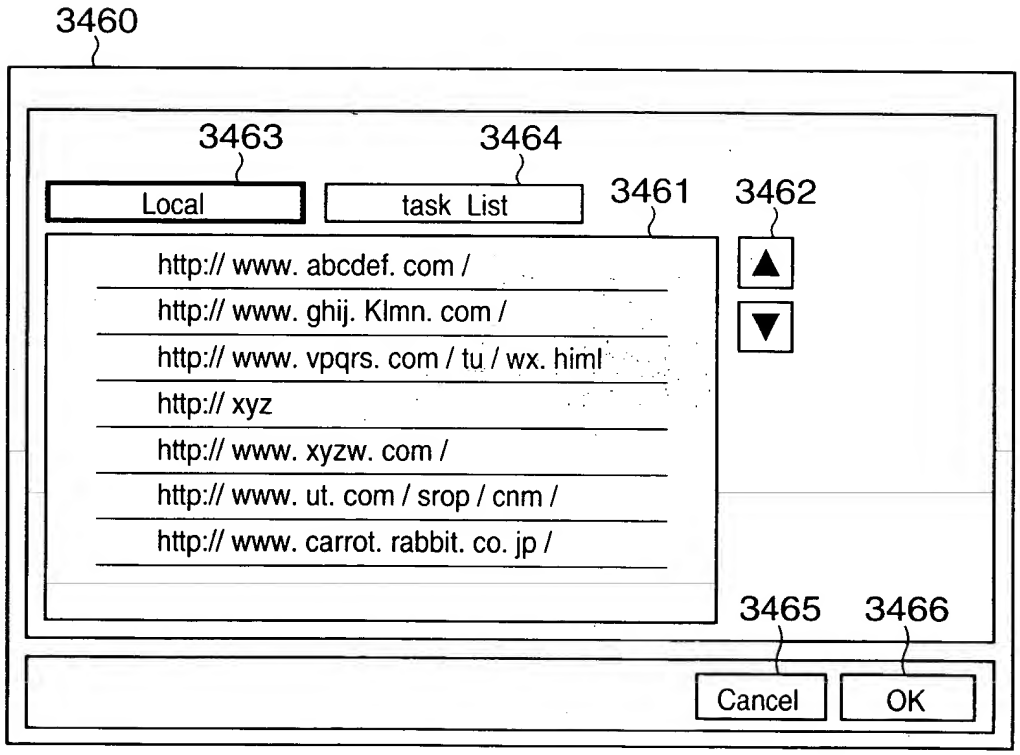

3460
3463
3464
Local
task List
3461
3462
http:// www. abcdef. com /
http:// www. ghij. Klmn. com /
http:// www. vpqrs. com / tu / wx. html
http:// xyz
http:// www. xyzw. com /
http:// www. ut. com / srop / cnm /
http:// www. carrot. rabbit. co. jp /
3465
3466
Cancel
OK

FIG. 49

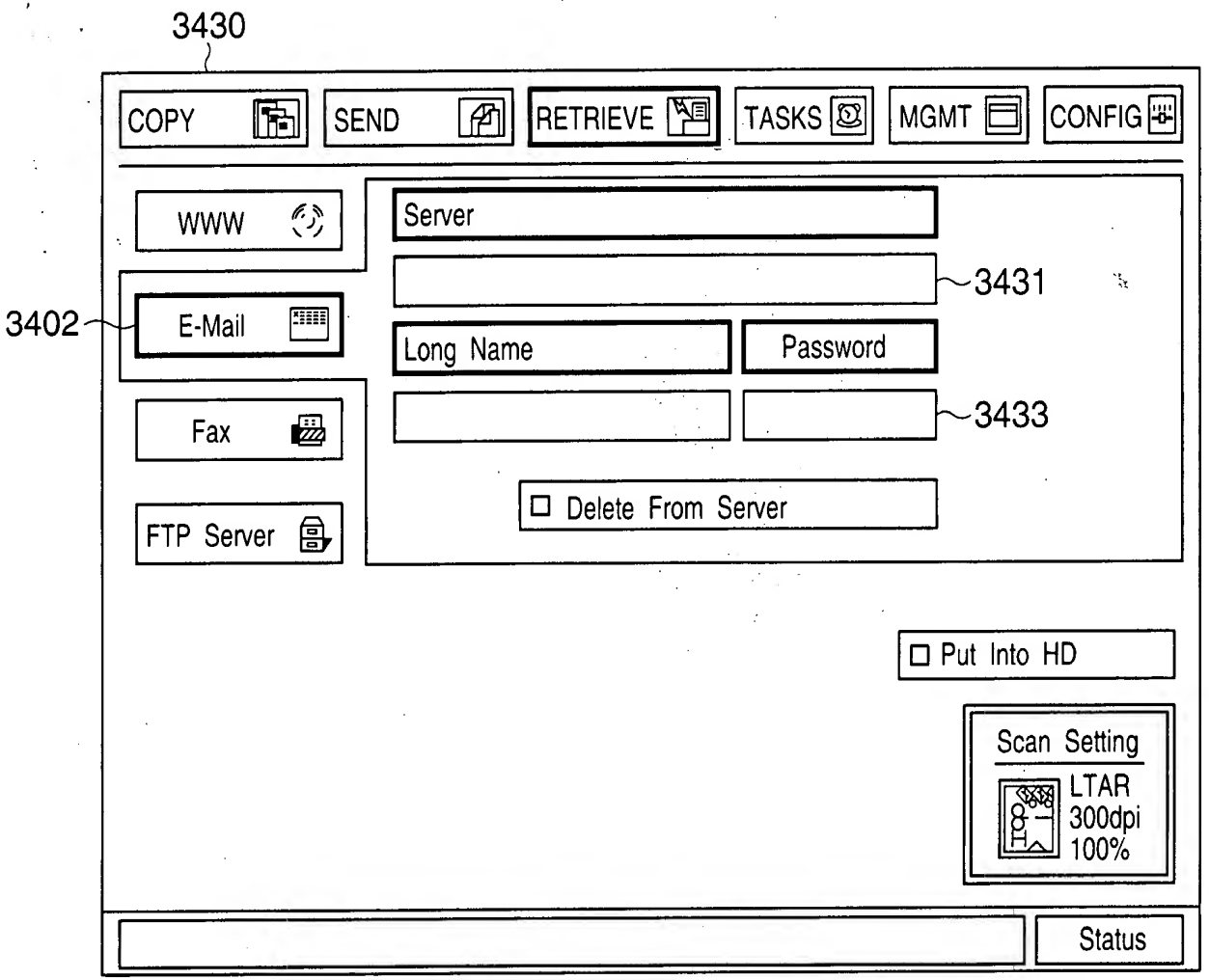

3430
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
WWW
E-Mail
Fax
FTP Server
3402
Server
3431
Long Name
Password
3433
Delete From Server
Put Into HD
Scan Setting
LTAR
300dpi
100%
Status

FIG. 50

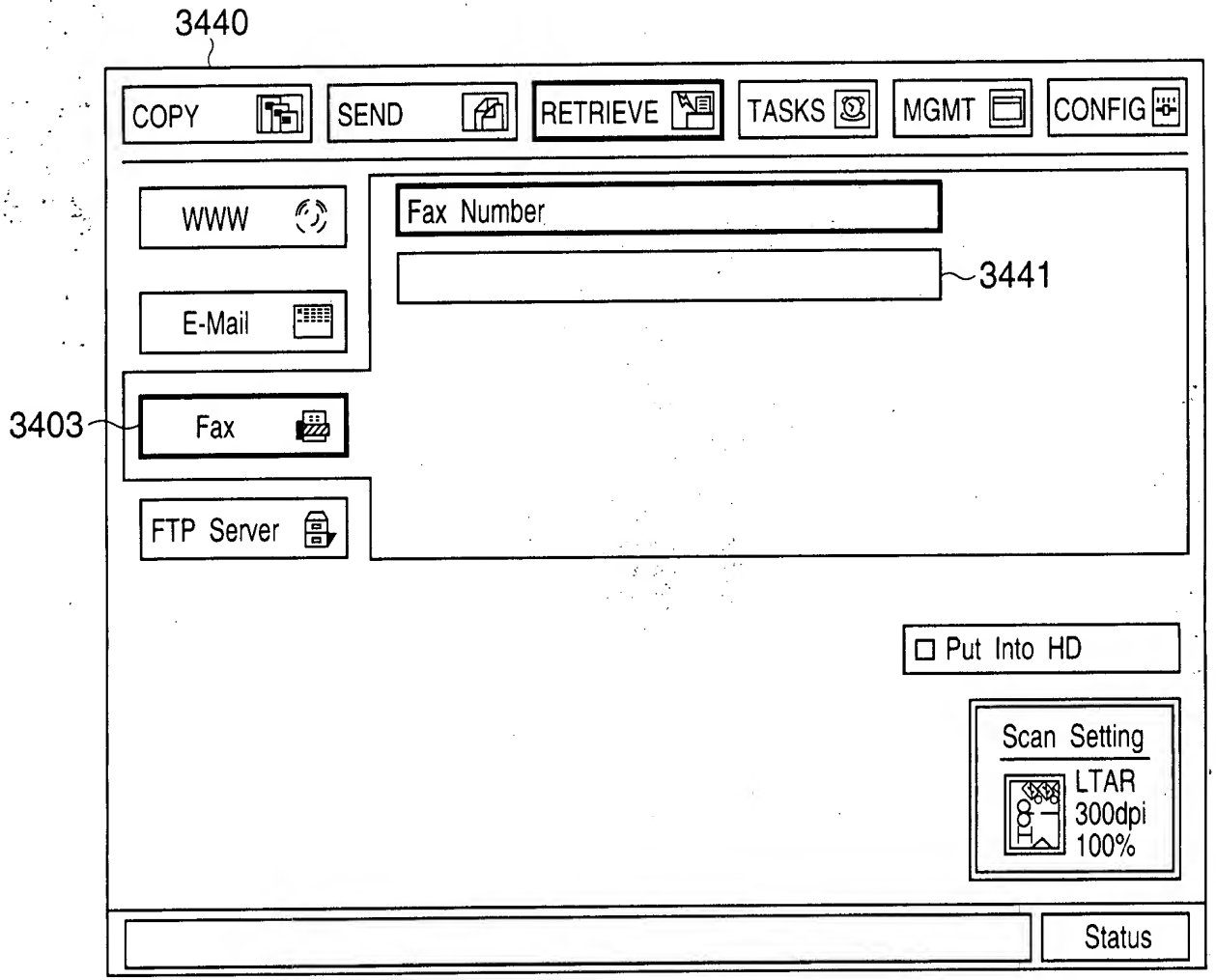

3440
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
WWW
E-Mail
Fax
FTP Server
3403
Fax Number
3441
Put Into HD
Scan Setting
LTAR
300dpi
100%
Status

FIG. 51

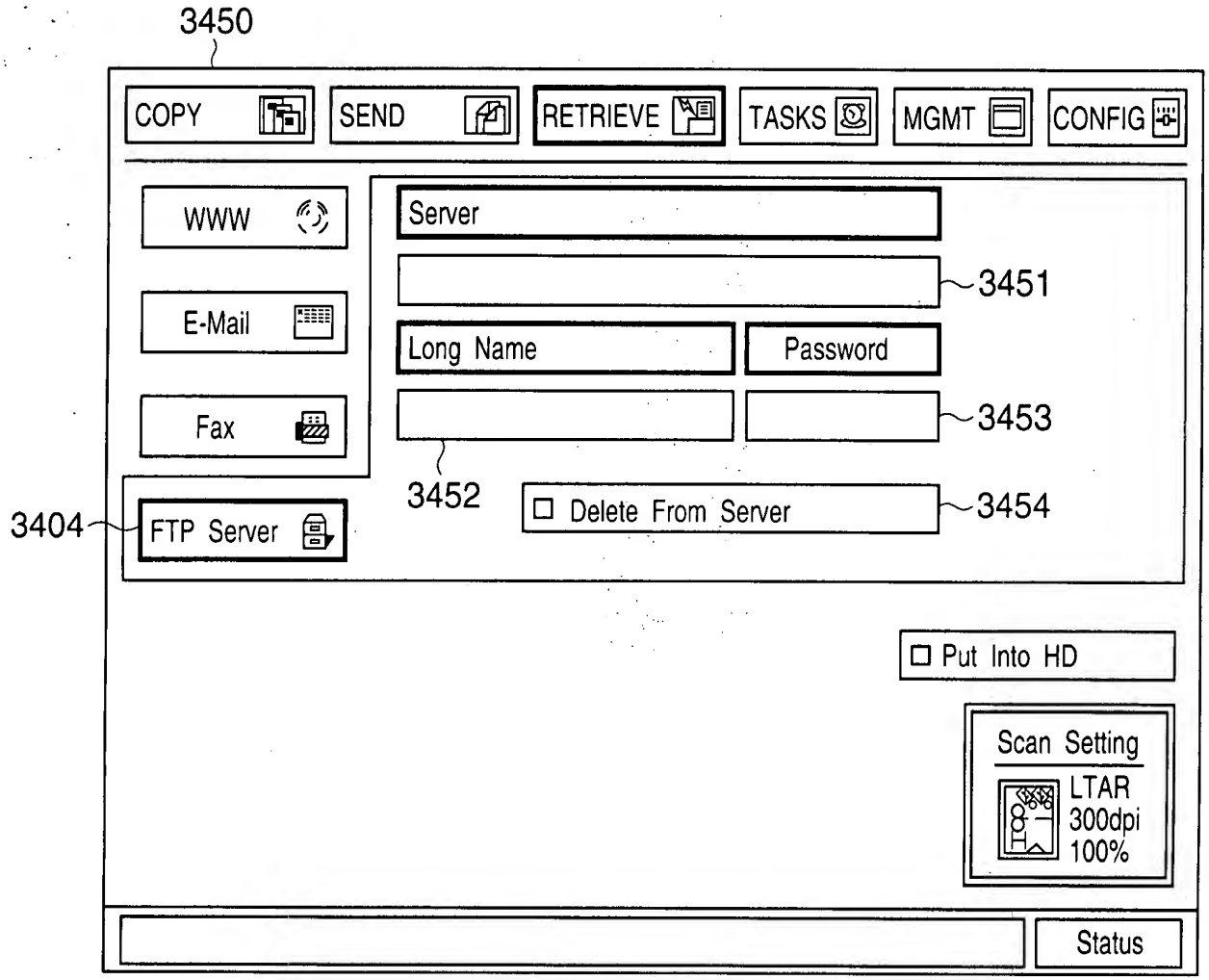

3450
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
WWW
E-Mail
Fax
FTP Server
3404
Server
3451
Long Name
Password
3453
3452
Delete From Server
3454
Put Into HD
Scan Setting
LTAR
300dpi
100%
Status

FIG. 52

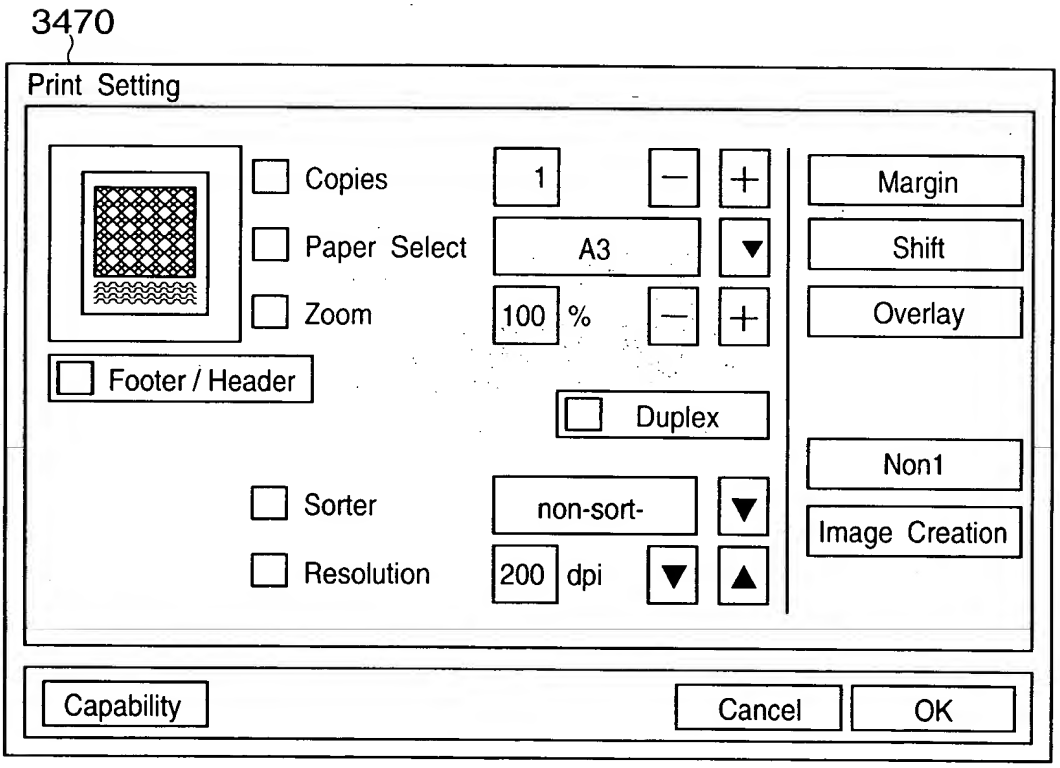

3470
Print Setting
Copies
1
Paper Select
A3
Zoom
100
%
Footer / Header
Duplex
Sorter
non-sort-
Resolution
200
dpi
Margin
Shift
Overlay
Non1
Image Creation
Capability
Cancel
OK

FIG. 53

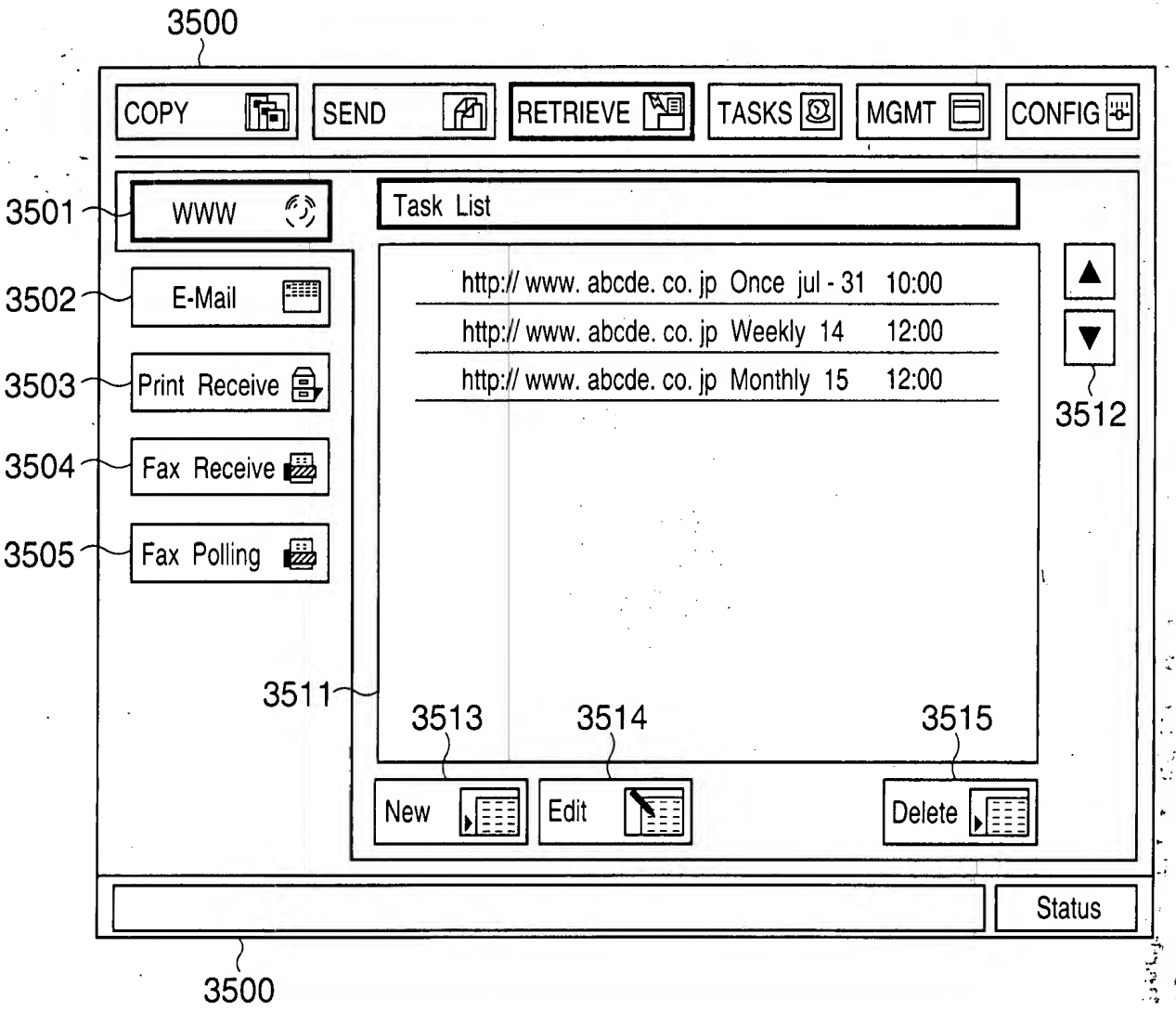

3500
COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
3501
WWW
Task List
3502
E-Mail
http:// www. abcde. co. jp Once jul - 31 10:00
http:// www. abcde. co. jp Weekly 14 12:00
http:// www. abcde. co. jp Monthly 15 12:00
3503
Print Receive
3504
Fax Receive
3505
Fax Polling
3512
3511
3513
3514
3515
New
Edit
Delete
Status
3500

FIG. 54

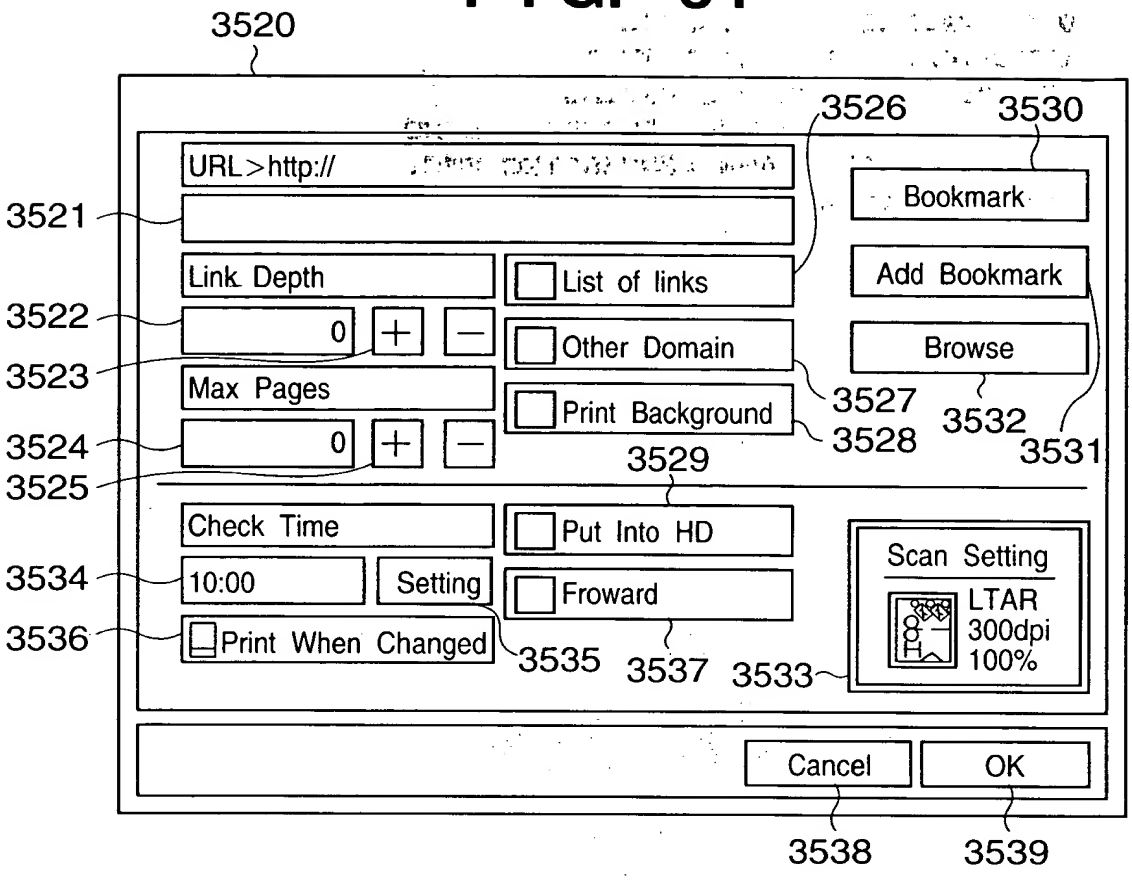

3520
3526
3530
URL>http://
3521
Bookmark
Link Depth
List of links
Add Bookmark
3522
0
Other Domain
Browse
3523
Max Pages
Print Background
3527
3532
3524
0
3528
3531
3525
3529
Check Time
Put Into HD
Scan Setting
3534
10:00
Setting
Froward
LTAR
300dpi
100%
3536
Print When Changed
3535
3537
3533
Cancel
OK
3538
3539

FIG. 55

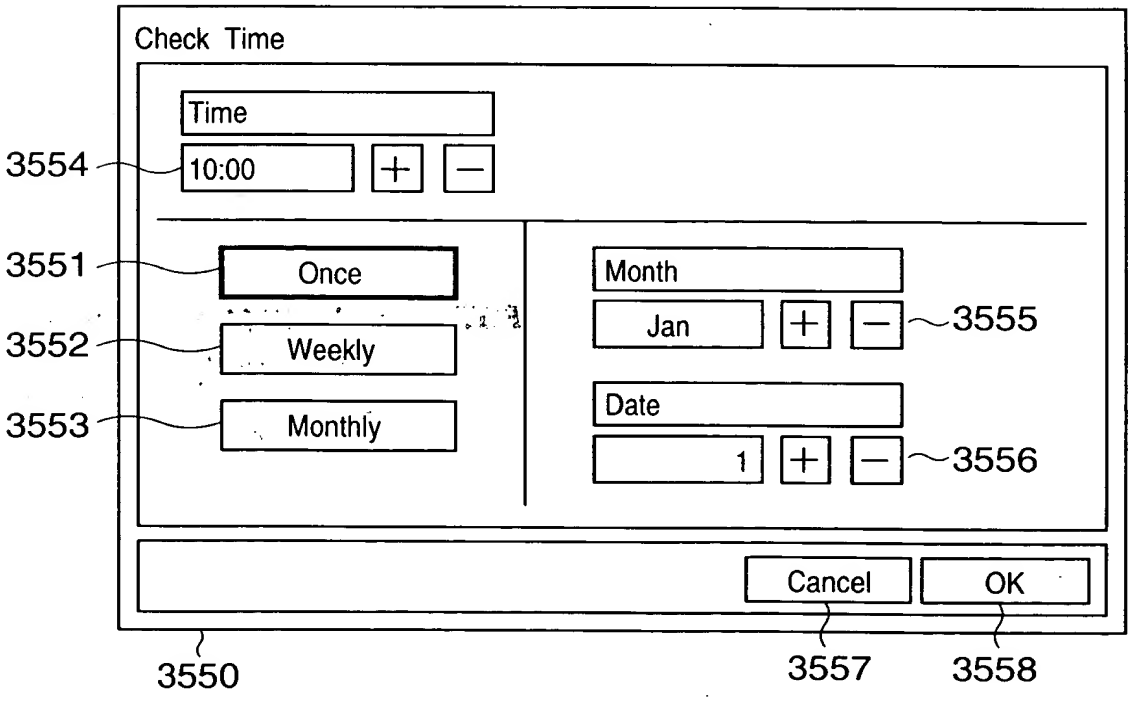

Check Time
Time
3554
10:00
3551
Once
Month
Jan
3555
3552
Weekly
3553
Monthly
Date
1
3556
Cancel
OK
3550
3557
3558

FIG. 56

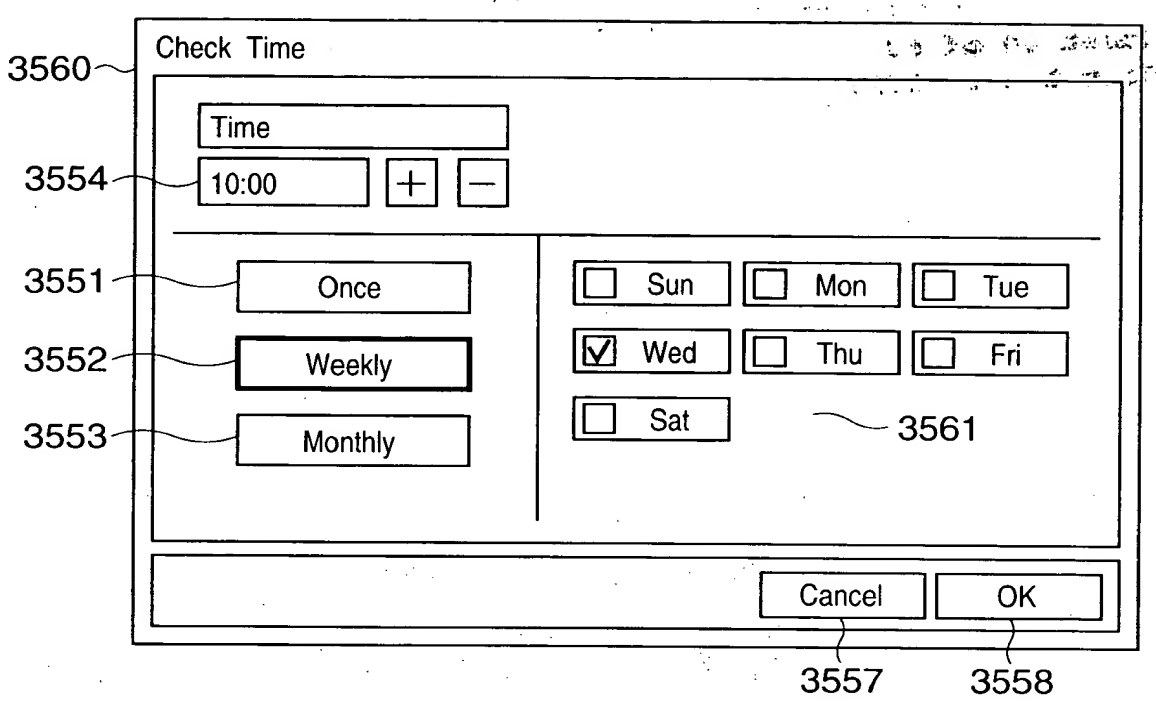

3560
Check Time
Time
3554
10:00
3551
Once
3552
Weekly
3553
Monthly
Sun
Mon
Tue
Wed
Thu
Fri
Sat
3561
Cancel
OK
3557
3558

FIG. 57

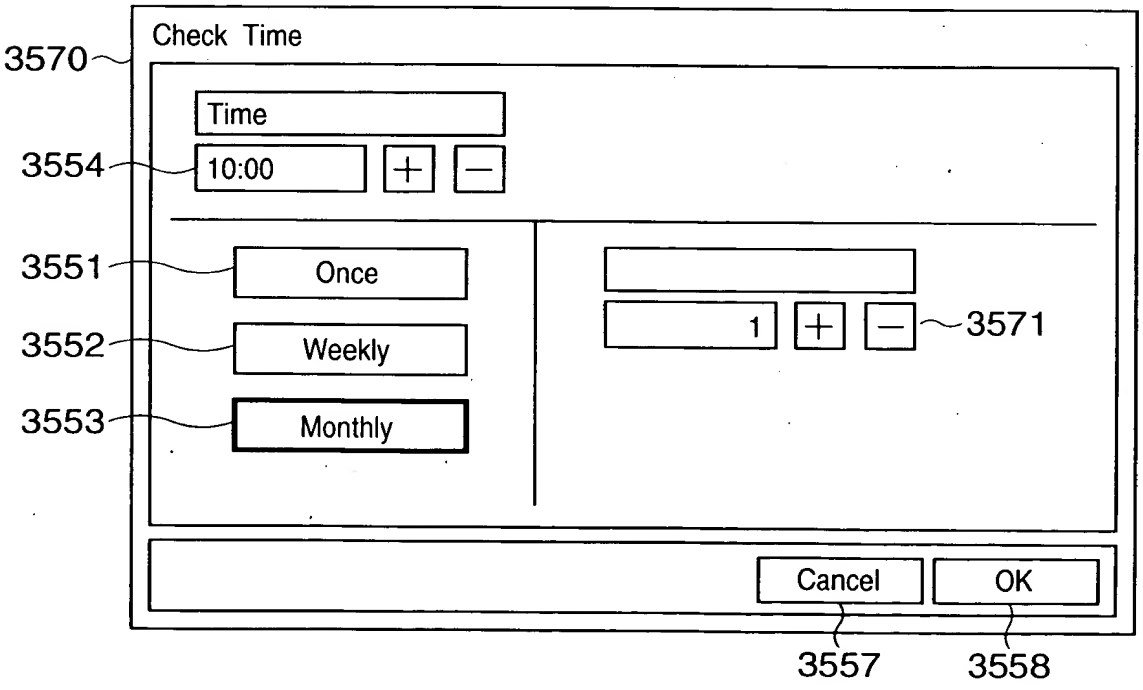

3570
Check Time
Time
3554
10:00
3551
Once
3552
Weekly
3553
Monthly
1
3571
Cancel
OK
3557
3558

FIG. 58

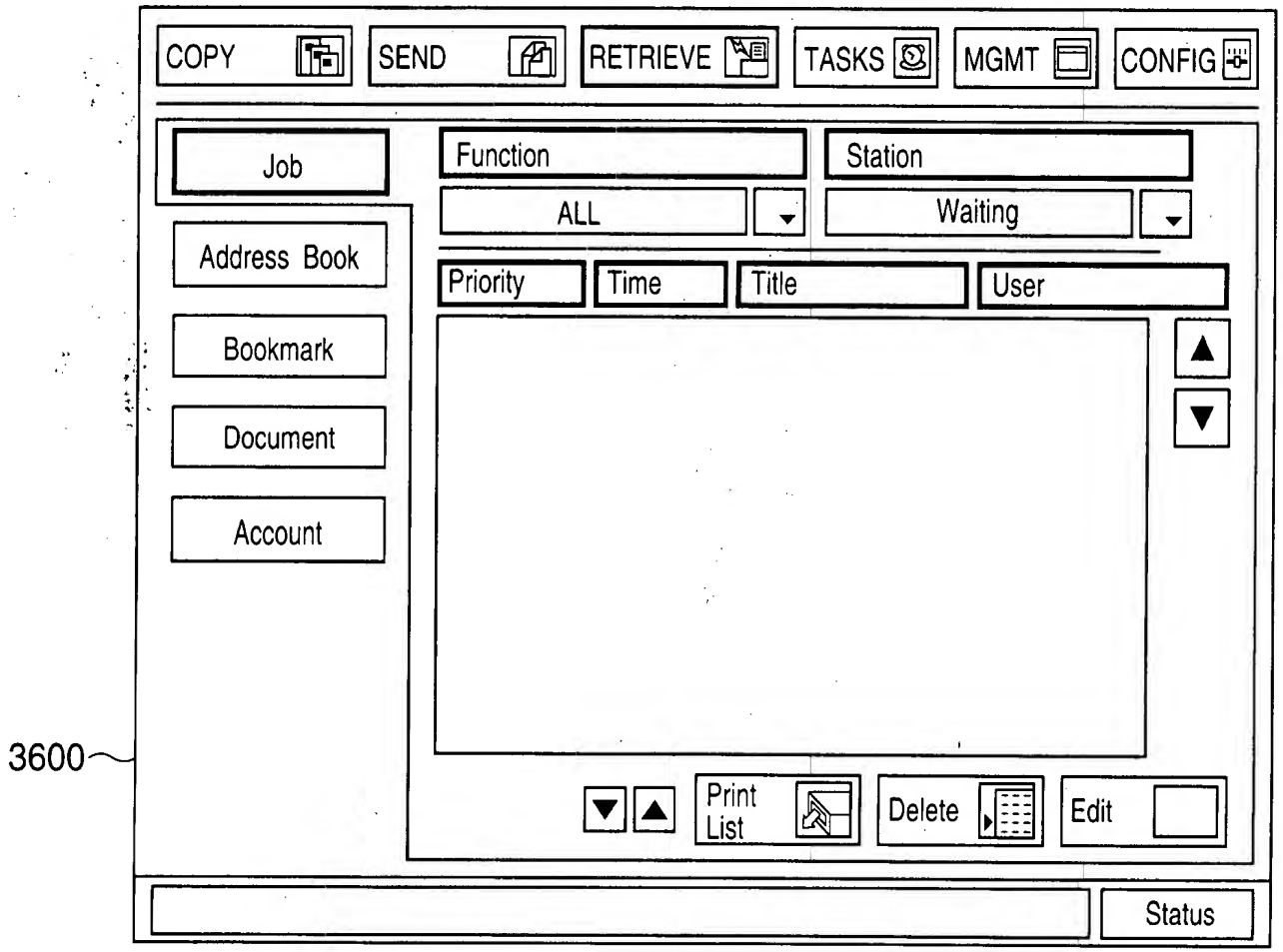

COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Job
Address Book
Bookmark
Document
Account
Function
ALL
Station
Waiting
Priority
Time
Title
User
Print List
Delete
Edit
Status
3600

FIG. 59

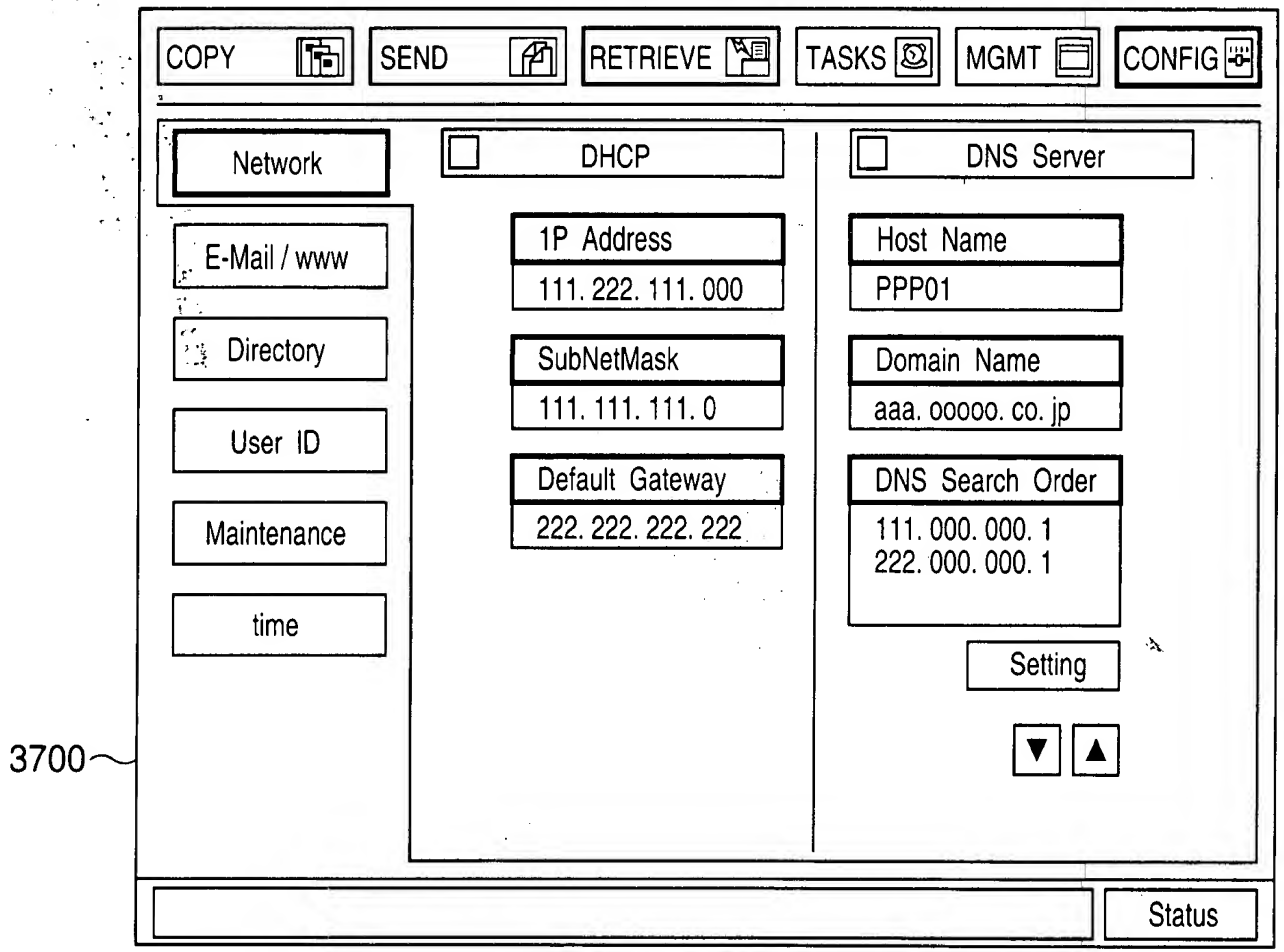

COPY
SEND
RETRIEVE
TASKS
MGMT
CONFIG
Network
DHCP
DNS Server
E-Mail / www
Directory
User ID
Maintenance
time
1P Address
111. 222. 111. 000
SubNetMask
111. 111. 111. 0
Default Gateway
222. 222. 222. 222
Host Name
PPP01
Domain Name
aaa. ooooo. co. jp
DNS Search Order
111. 000. 000. 1
222. 000. 000. 1
Setting
Status
3700

FIG. 60

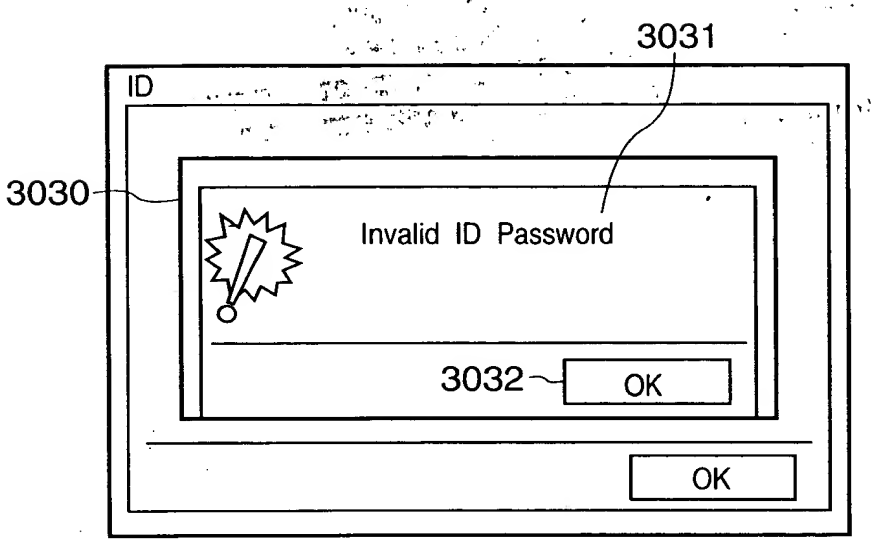

3031
ID
3030
Invalid ID Password
3032
OK
OK

FIG. 61

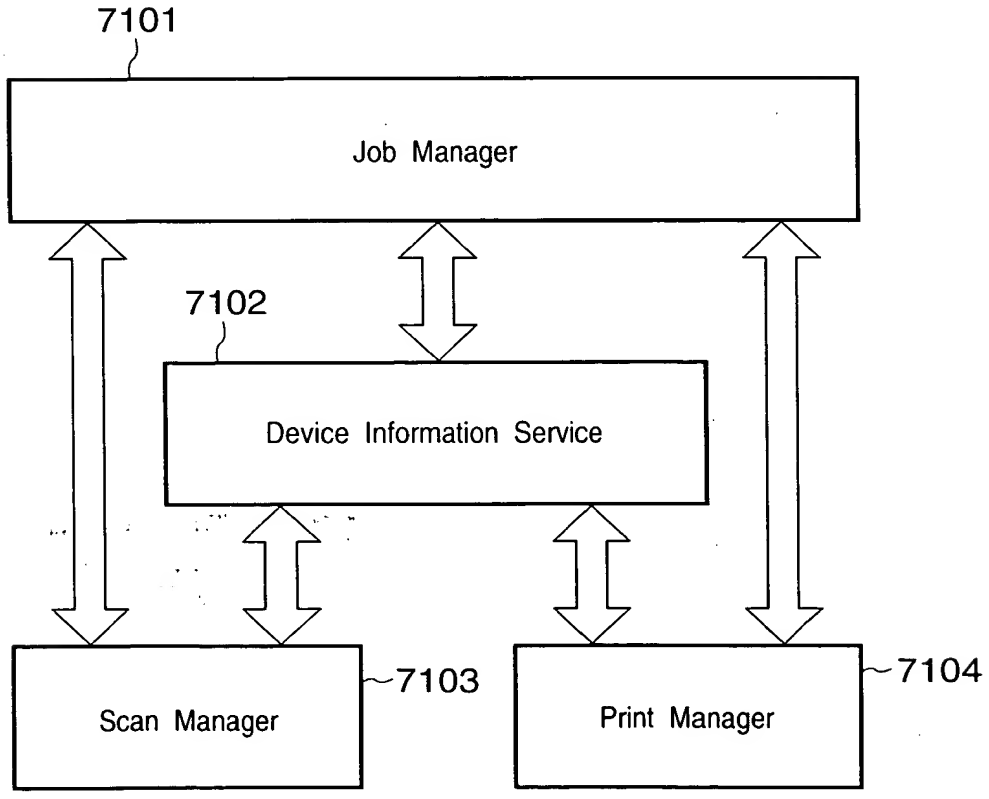

7101
Job Manager
7102
Device Information Service
Scan Manager
7103
Print Manager
7104

FIG. 62

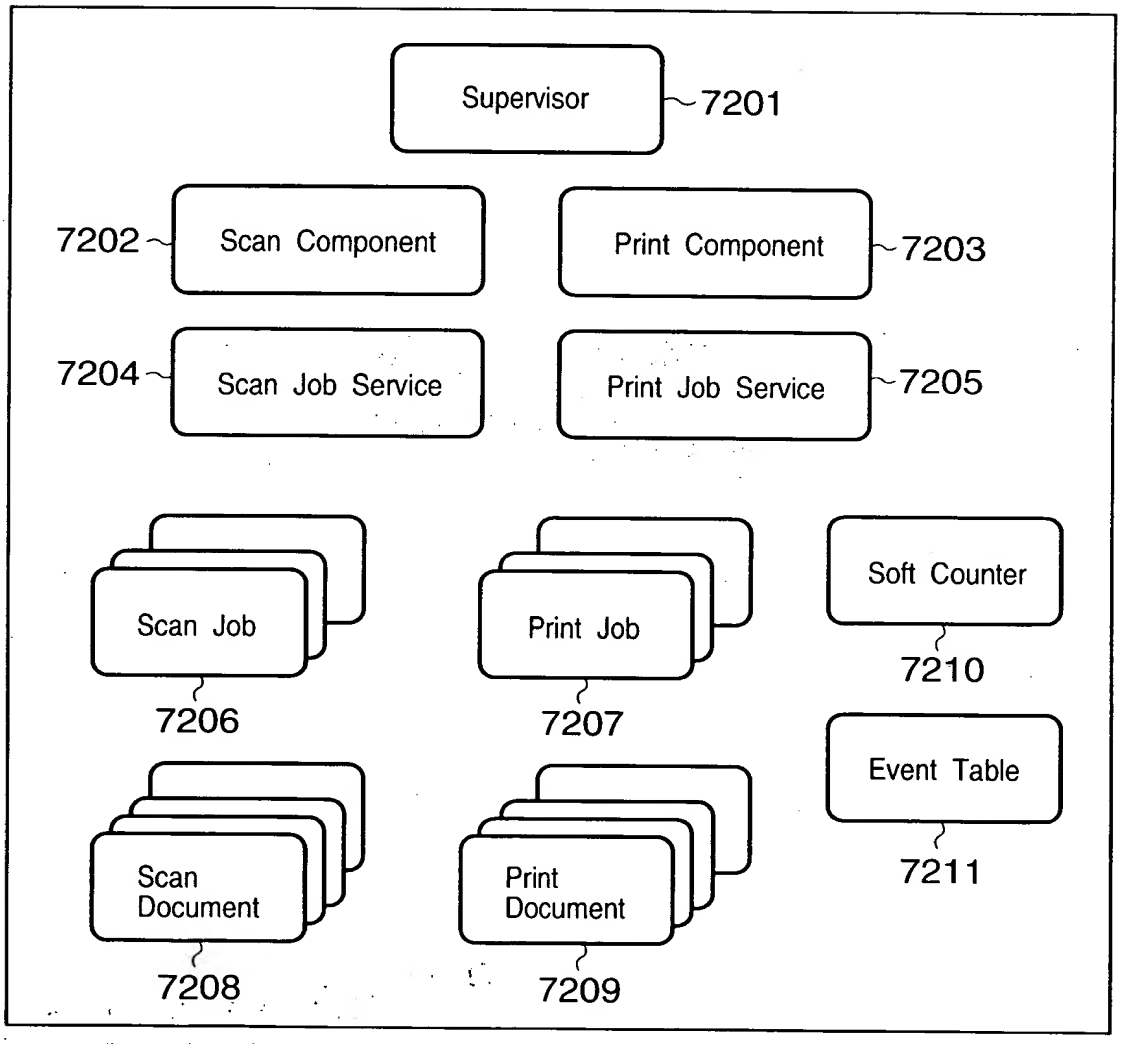

Supervisor
7201
7202
Scan Component
Print Component
7203
7204
Scan Job Service
Print Job Service
7205
Scan Job
7206
Print Job
7207
Soft Counter
7210
Event Table
7211
Scan Document
7208
Print Document
7209

FIG. 63

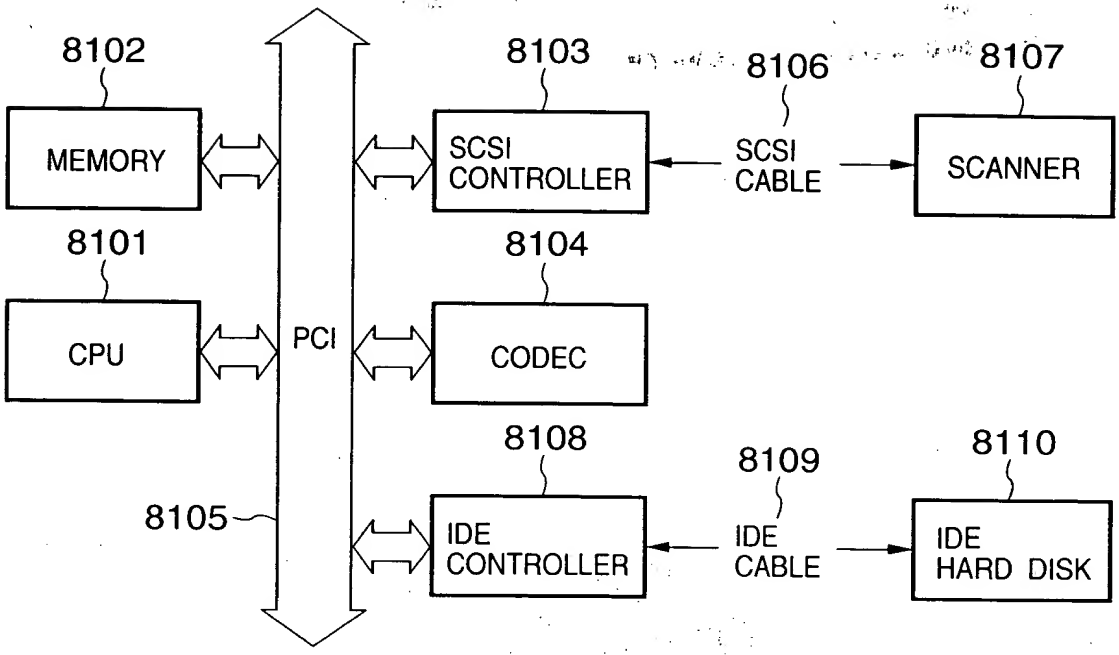

8102
MEMORY
8103
SCSI CONTROLLER
8106
SCSI CABLE
8107
SCANNER
8101
CPU
PCI
8104
CODEC
8105
8108
IDE CONTROLLER
8109
IDE CABLE
8110
IDE HARD DISK

FIG. 64

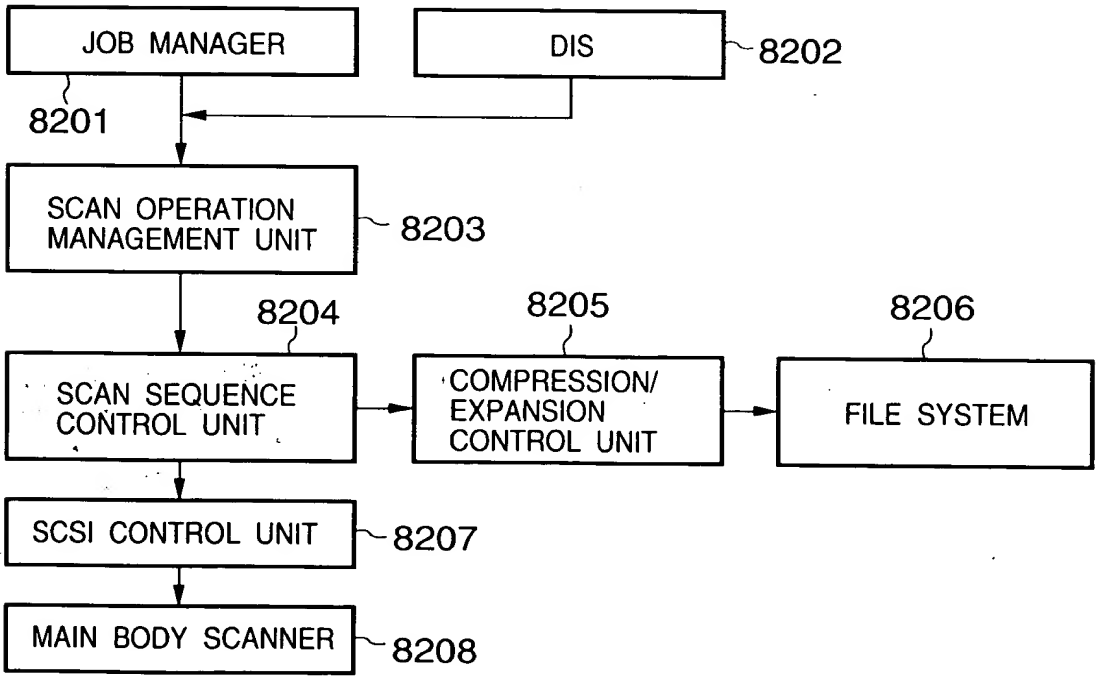

JOB MANAGER
8201
DIS
8202
SCAN OPERATION MANAGEMENT UNIT
8203
8204
SCAN SEQUENCE CONTROL UNIT
8205
COMPRESSION/ EXPANSION CONTROL UNIT
8206
FILE SYSTEM
SCSI CONTROL UNIT
8207
MAIN BODY SCANNER
8208

FIG. 65

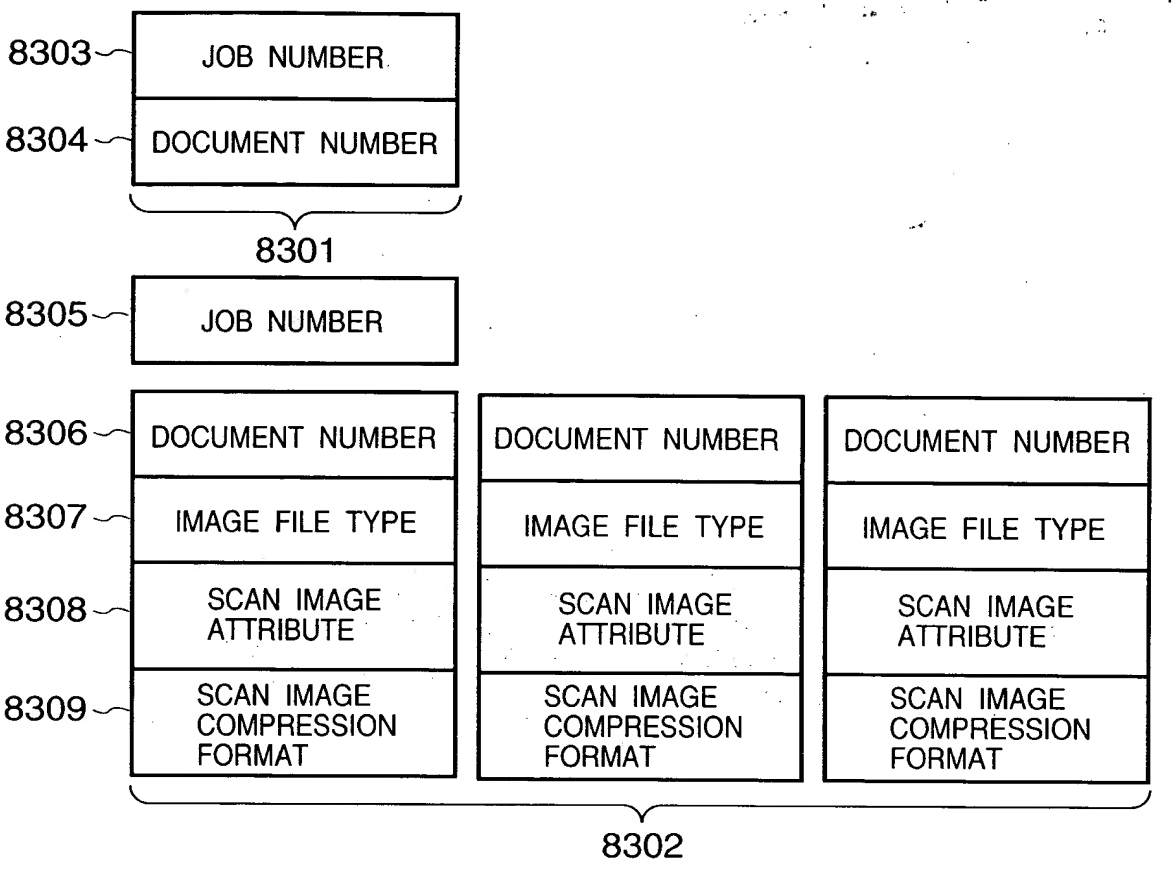

8303
JOB NUMBER
8304
DOCUMENT NUMBER
8301
8305
JOB NUMBER
8306
DOCUMENT NUMBER
8307
IMAGE FILE TYPE
8308
SCAN IMAGE ATTRIBUTE
8309
SCAN IMAGE COMPRESSION FORMAT
DOCUMENT NUMBER
IMAGE FILE TYPE
SCAN IMAGE ATTRIBUTE
SCAN IMAGE COMPRESSION FORMAT
DOCUMENT NUMBER
IMAGE FILE TYPE
SCAN IMAGE ATTRIBUTE
SCAN IMAGE COMPRESSION FORMAT
8302

FIG. 66

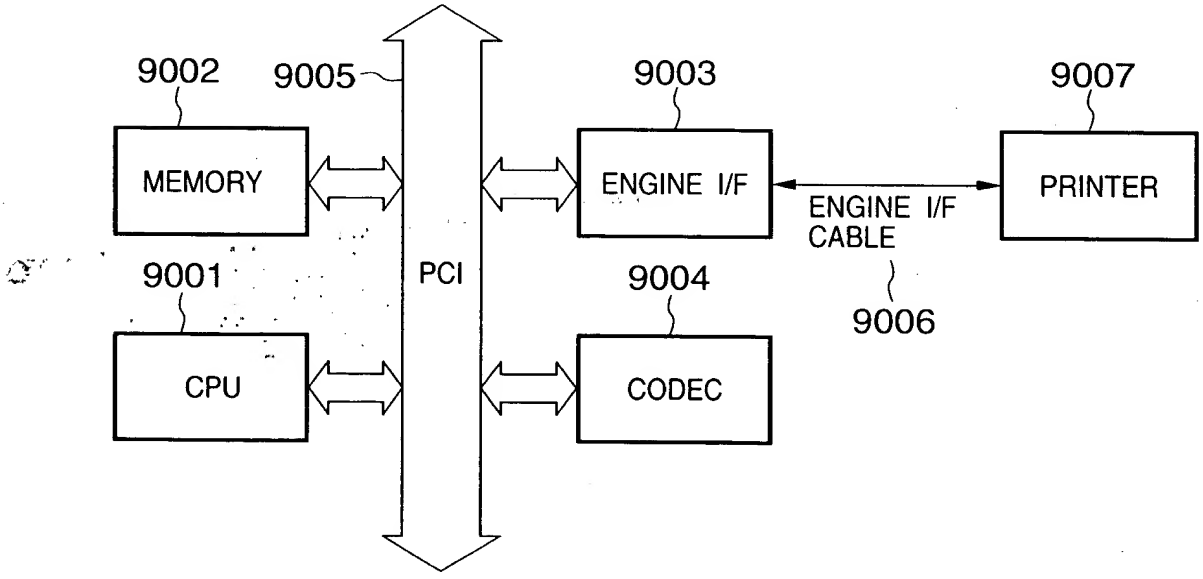

9002
MEMORY
9005
PCI
9003
ENGINE I/F
9007
PRINTER
ENGINE I/F CABLE
9006
9001
CPU
9004
CODEC

FIG. 67

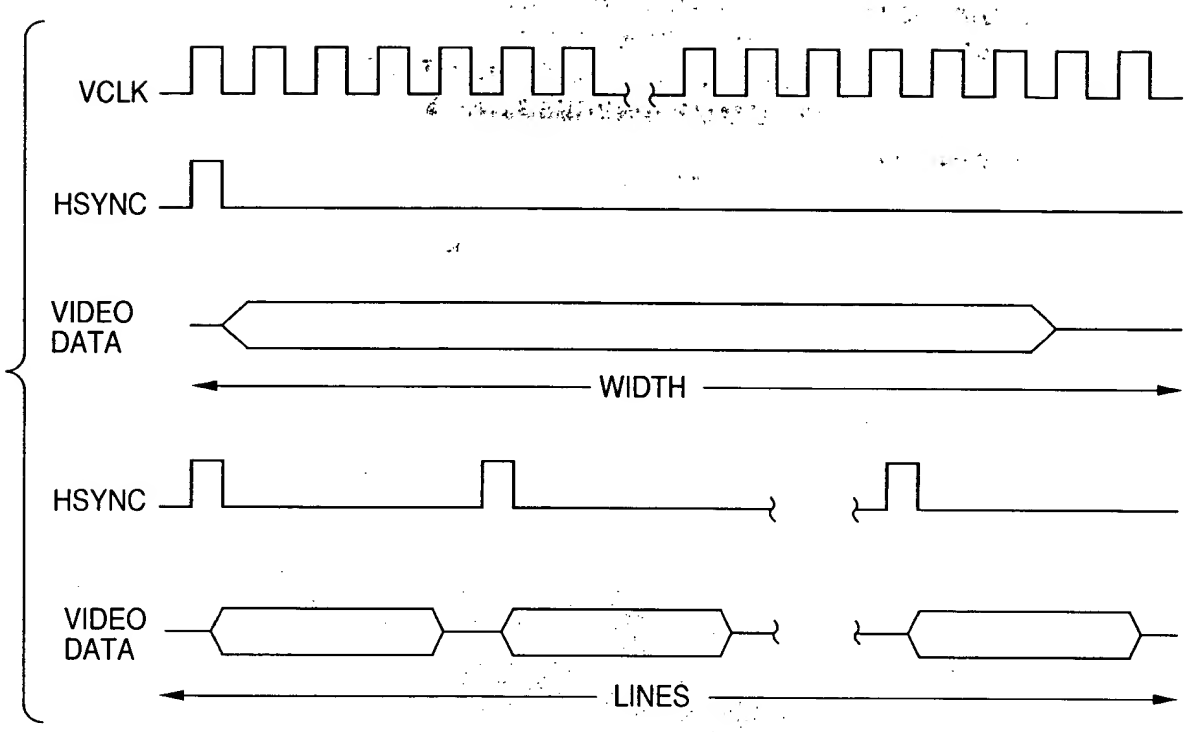
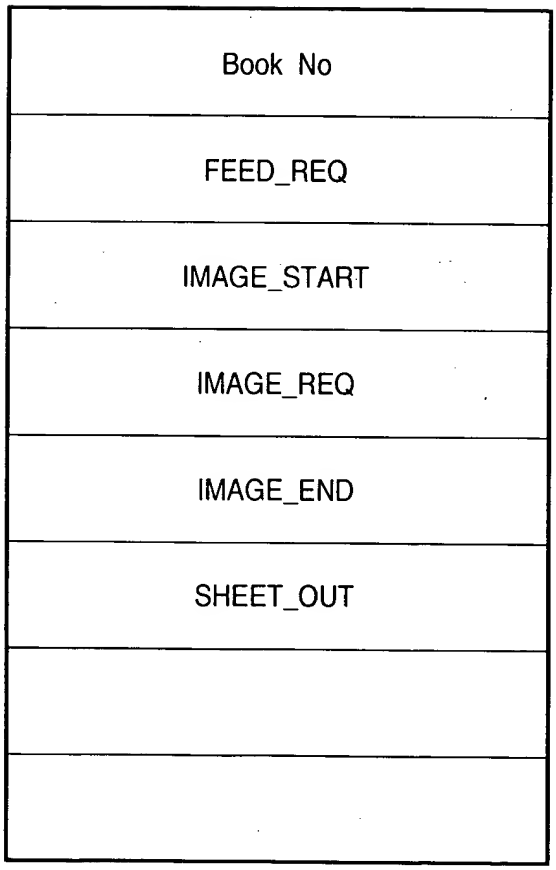


FIG. 68

WIDTH
LINES
SOURCE

FIG. 69



09/424,200

FIG. 70

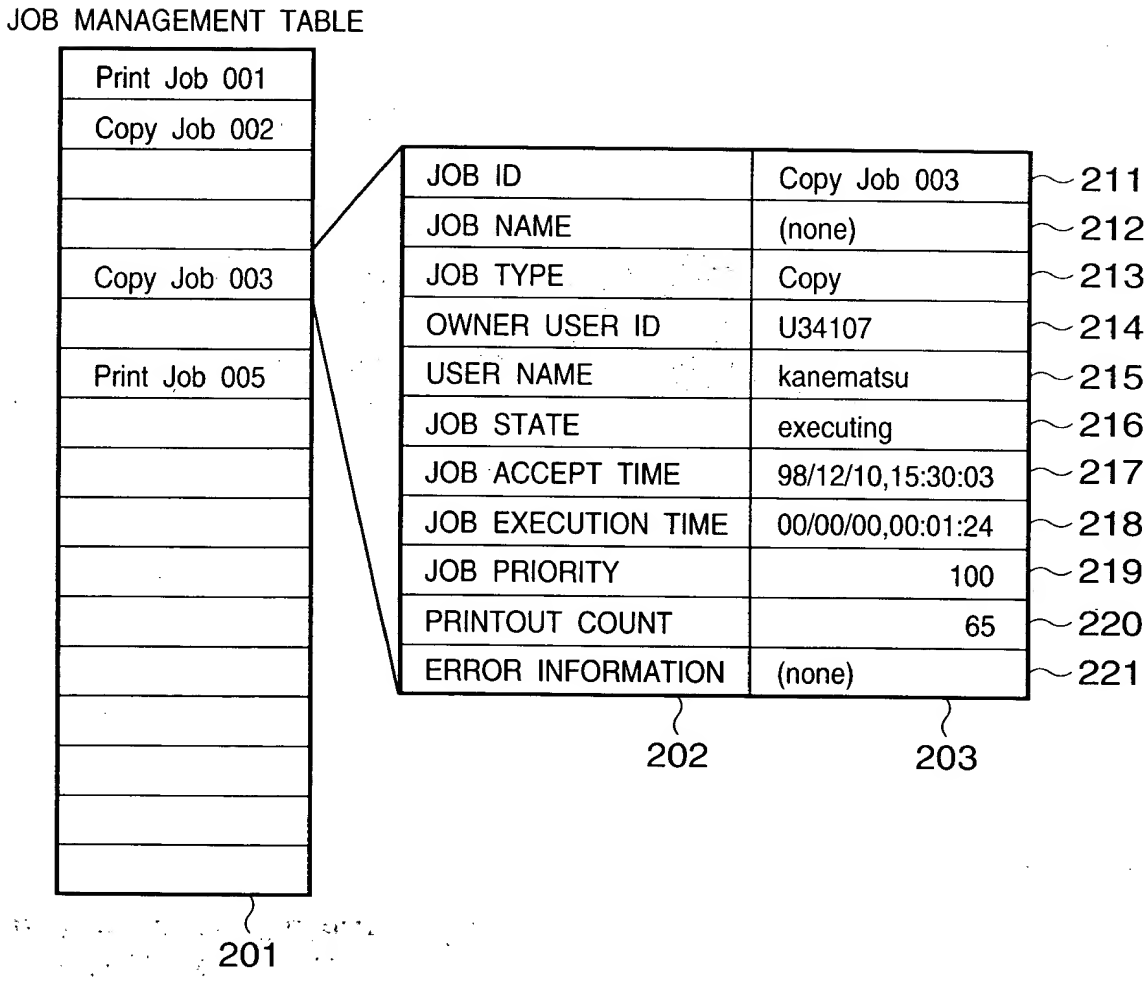

JOB MANAGEMENT TABLE
Print Job 001
Copy Job 002
Copy Job 003
Print Job 005
201
JOB ID
Copy Job 003
JOB NAME
(none)
JOB TYPE
Copy
OWNER USER ID
U34107
USER NAME
kanematsu
JOB STATE
executing
JOB ACCEPT TIME
98/12/10,15:30:03
JOB EXECUTION TIME
00/00/00,00:01:24
JOB PRIORITY
100
PRINTOUT COUNT
65
ERROR INFORMATION
(none)
211
212
213
214
215
216
217
218
219
220
221
202
203

FIG. 71

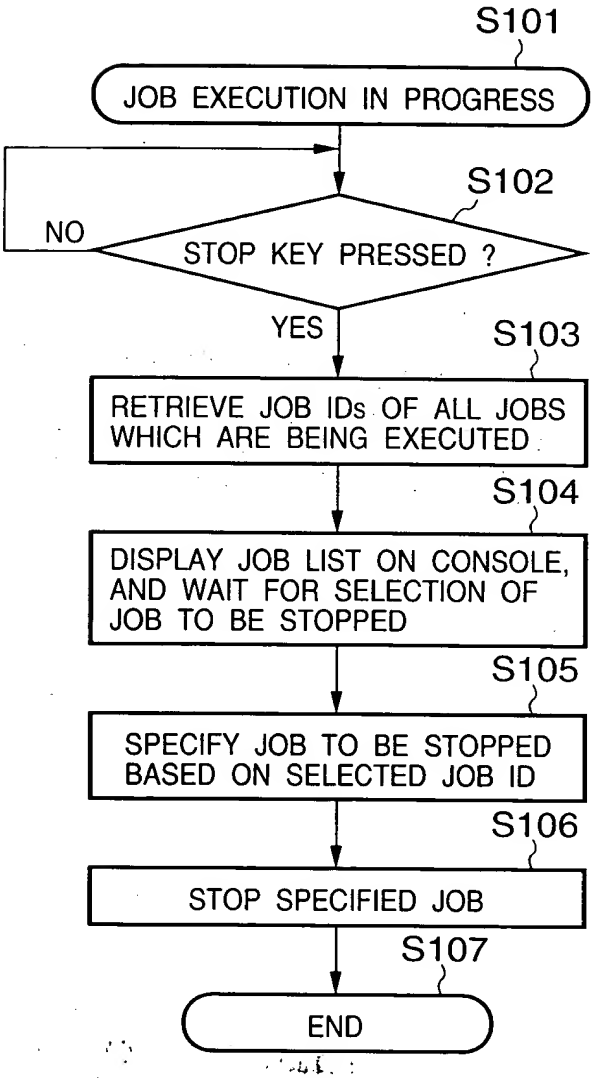

S101
JOB EXECUTION IN PROGRESS
S102
NO
STOP KEY PRESSED ?
YES
S103
RETRIEVE JOB IDs OF ALL JOBS WHICH ARE BEING EXECUTED
S104
DISPLAY JOB LIST ON CONSOLE, AND WAIT FOR SELECTION OF JOB TO BE STOPPED
S105
SPECIFY JOB TO BE STOPPED BASED ON SELECTED JOB ID
S106
STOP SPECIFIED JOB
S107
END

FIG. 72

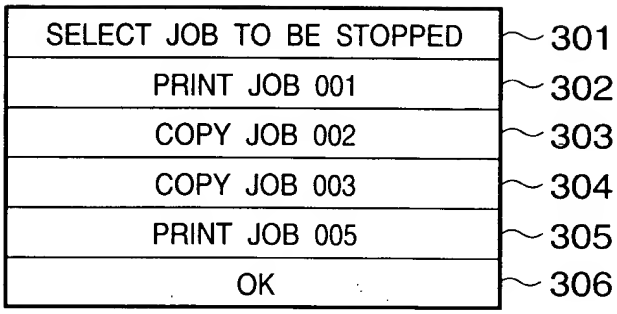

SELECT JOB TO BE STOPPED
301
PRINT JOB 001
302
COPY JOB 002
303
COPY JOB 003
304
PRINT JOB 005
305
OK
306

FIG. 73

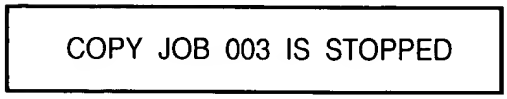

COPY JOB 003 IS STOPPED

FIG. 74

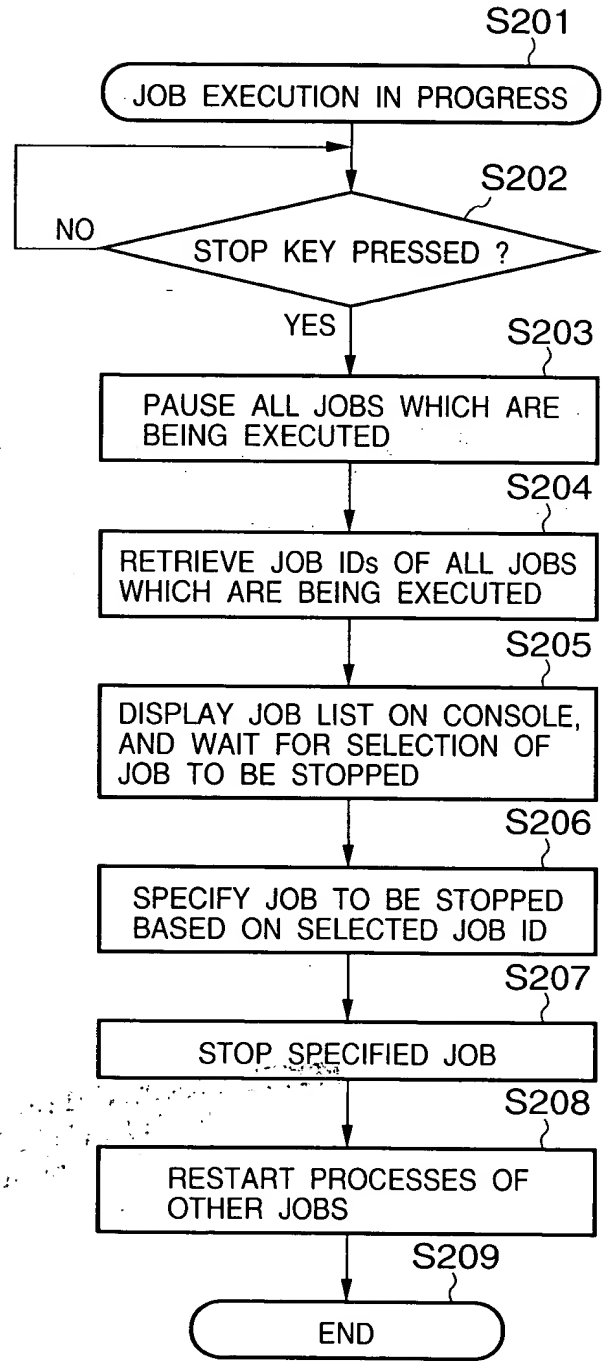

S201
JOB EXECUTION IN PROGRESS
S202
NO
STOP KEY PRESSED ?
YES
S203
PAUSE ALL JOBS WHICH ARE BEING EXECUTED
S204
RETRIEVE JOB IDs OF ALL JOBS WHICH ARE BEING EXECUTED
S205
DISPLAY JOB LIST ON CONSOLE, AND WAIT FOR SELECTION OF JOB TO BE STOPPED
S206
SPECIFY JOB TO BE STOPPED BASED ON SELECTED JOB ID
S207
STOP SPECIFIED JOB
S208
RESTART PROCESSES OF OTHER JOBS
S209
END

FIG. 75

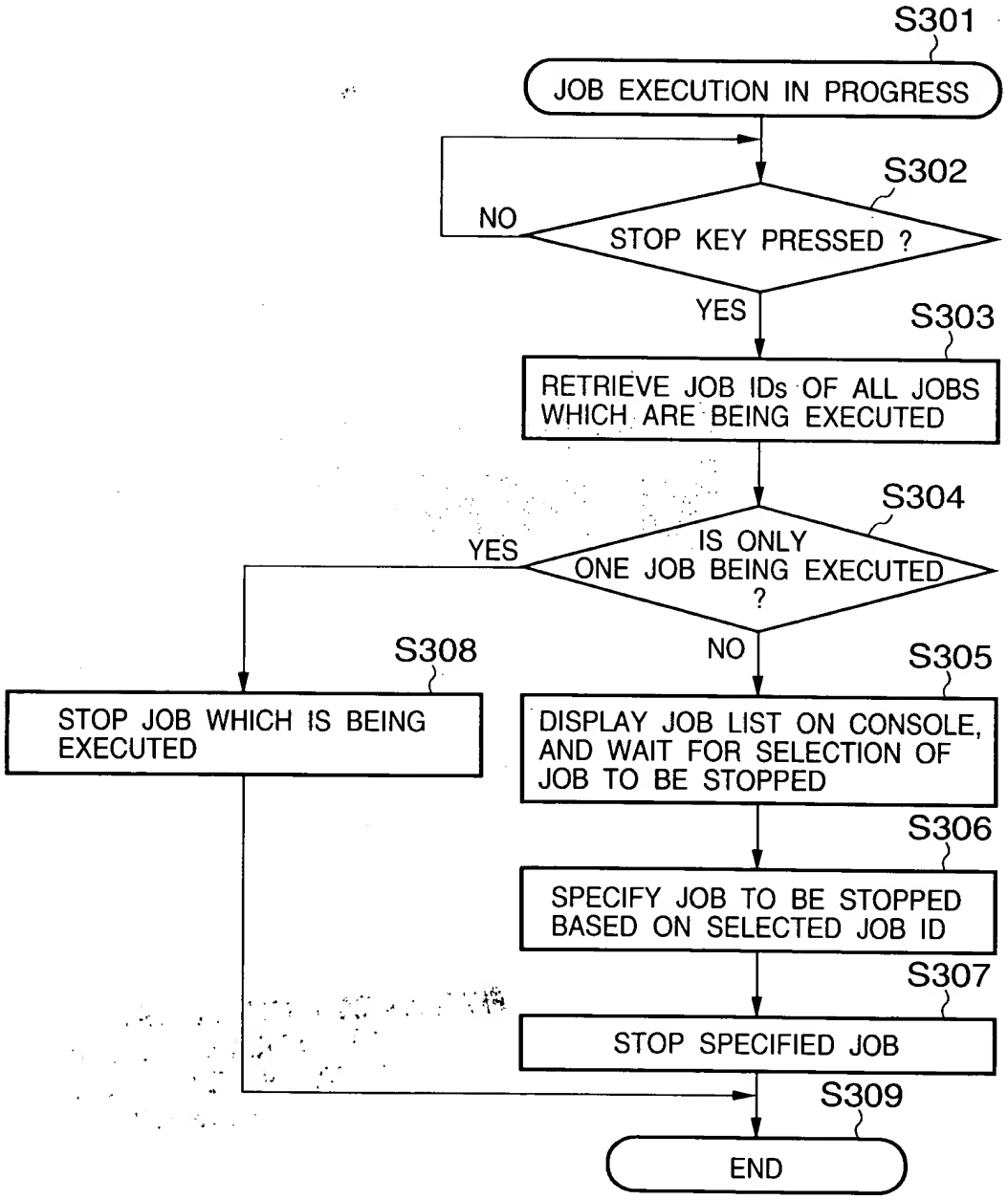

S301
JOB EXECUTION IN PROGRESS
S302
NO
STOP KEY PRESSED ?
YES
S303
RETRIEVE JOB IDs OF ALL JOBS WHICH ARE BEING EXECUTED
S304
YES
IS ONLY ONE JOB BEING EXECUTED ?
NO
S308
STOP JOB WHICH IS BEING EXECUTED
S305
DISPLAY JOB LIST ON CONSOLE, AND WAIT FOR SELECTION OF JOB TO BE STOPPED
S306
SPECIFY JOB TO BE STOPPED BASED ON SELECTED JOB ID
S307
STOP SPECIFIED JOB
S309
END

FIG. 76

STORAGE MEDIUM SUCH AS FD/CD-ROM, ETC.

DIRECTORY INFORMATION
FIRST DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.71
SECOND DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.74
THIRD DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.75
FOURTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.77
FIFTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.78
SIXTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.79
SEVENTH DATA PROCESSING PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS OF FLOW CHART SHOWN IN FIG.80

MEMORY MAP OF STORAGE MEDIUM

OPEN: 04.11.24 09:24:50

FIG. 77

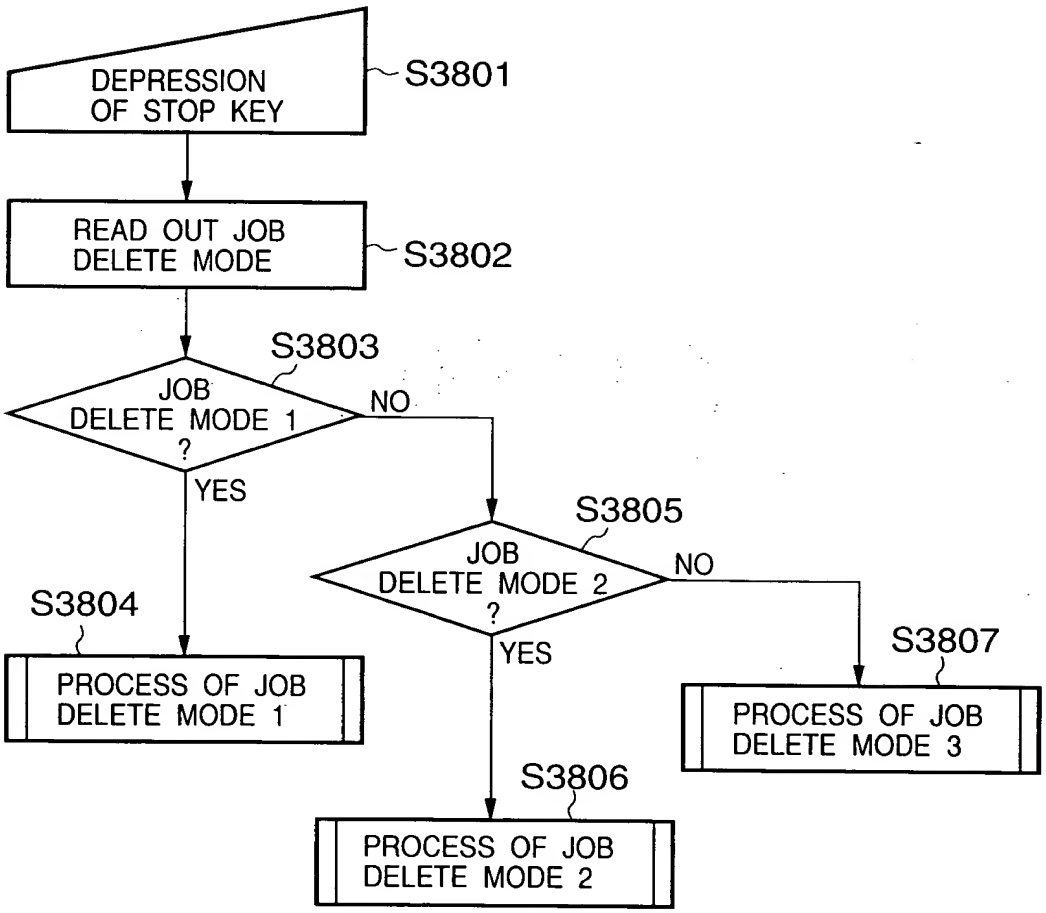

DEPRESSION OF STOP KEY
S3801
READ OUT JOB DELETE MODE
S3802
S3803
JOB DELETE MODE 1 ?
NO
YES
S3805
JOB DELETE MODE 2 ?
NO
YES
S3804
PROCESS OF JOB DELETE MODE 1
S3807
PROCESS OF JOB DELETE MODE 3
S3806
PROCESS OF JOB DELETE MODE 2

FIG. 78

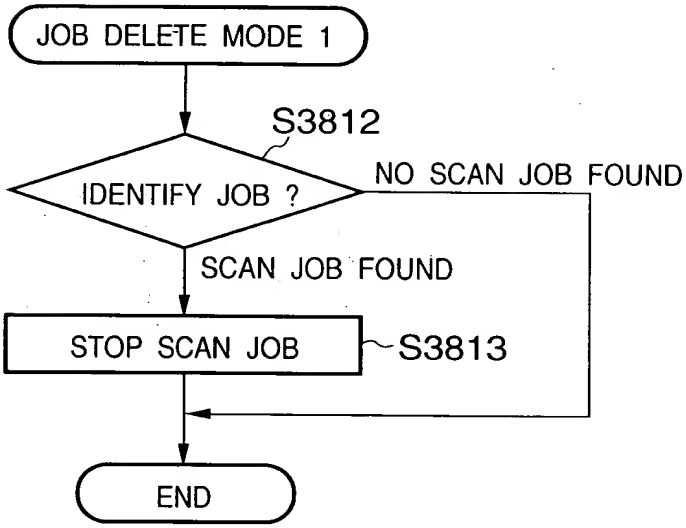

JOB DELETE MODE 1
S3812
IDENTIFY JOB ?
NO SCAN JOB FOUND
SCAN JOB FOUND
STOP SCAN JOB
S3813
END

FIG. 79

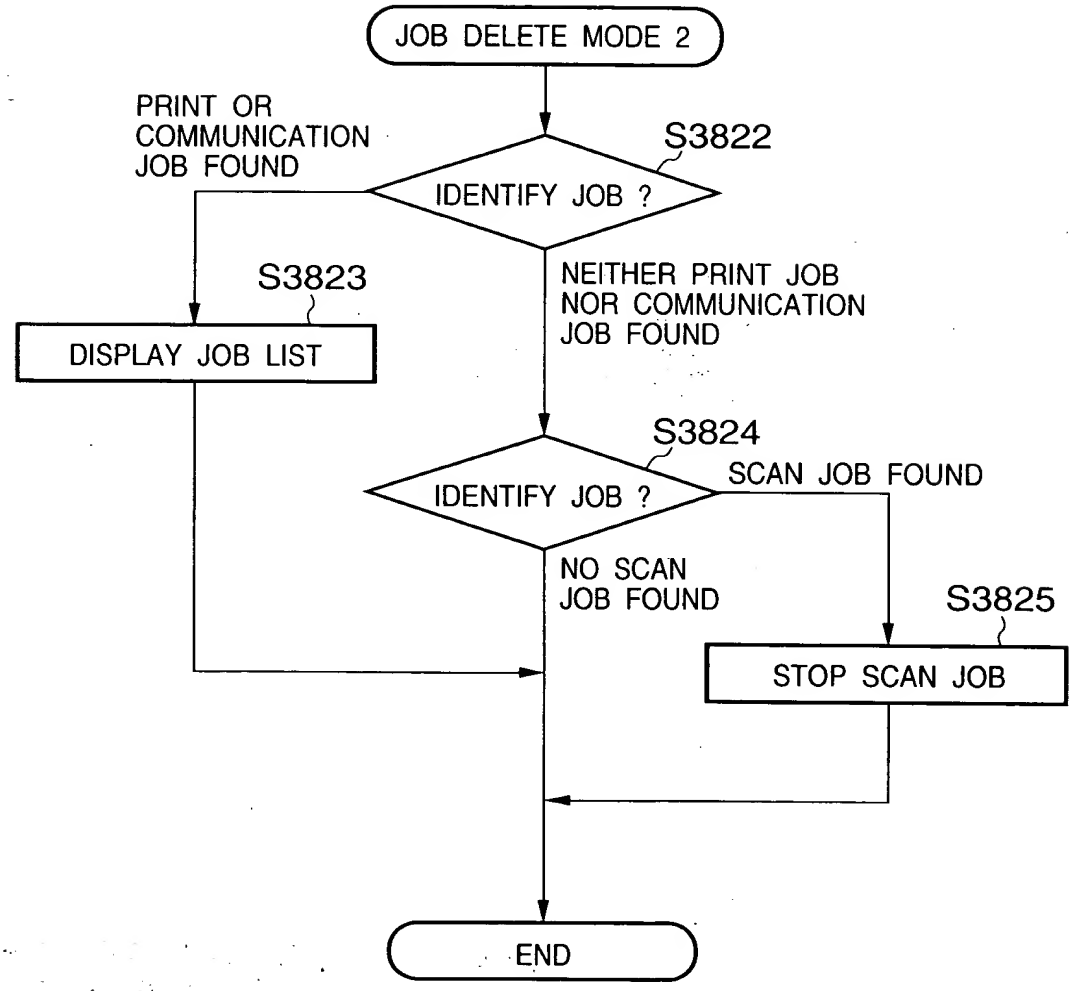

JOB DELETE MODE 2
PRINT OR COMMUNICATION JOB FOUND
S3822
IDENTIFY JOB ?
S3823
DISPLAY JOB LIST
NEITHER PRINT JOB NOR COMMUNICATION JOB FOUND
S3824
IDENTIFY JOB ?
SCAN JOB FOUND
NO SCAN JOB FOUND
S3825
STOP SCAN JOB
END

FIG. 80

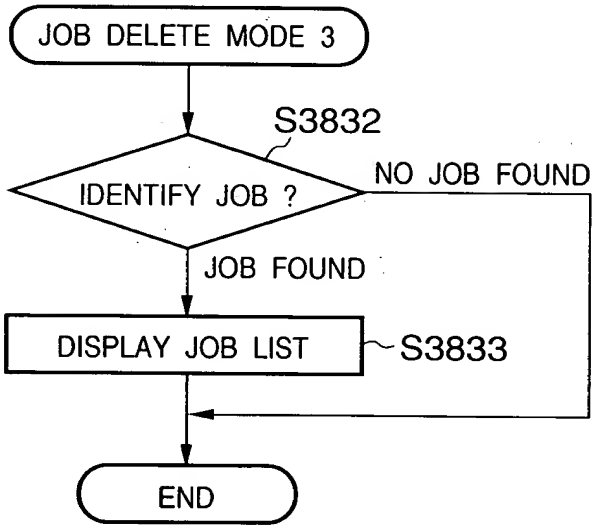
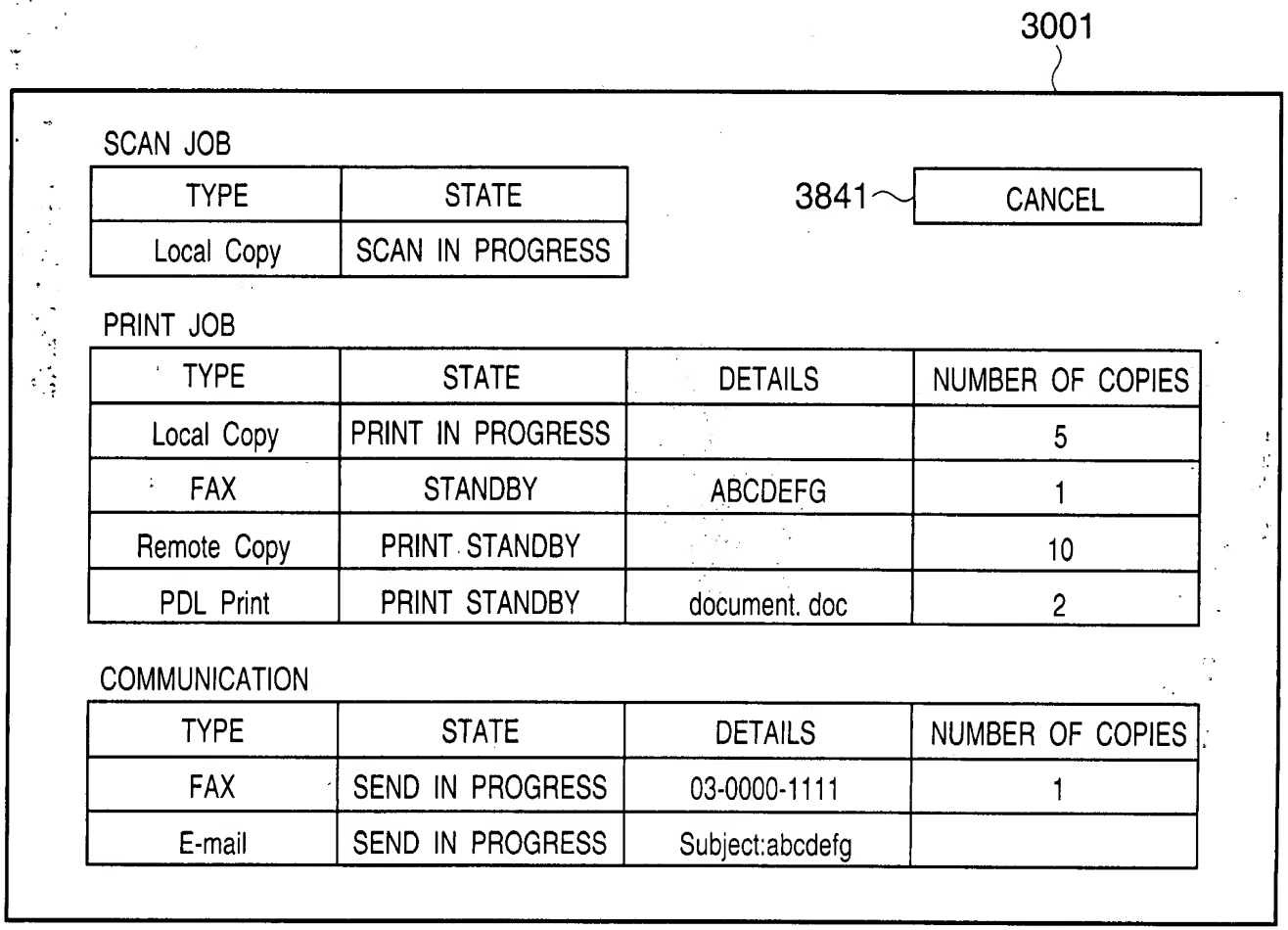

JOB DELETE MODE 3
S3832
IDENTIFY JOB ?
NO JOB FOUND
JOB FOUND
DISPLAY JOB LIST
S3833
END

FIG. 81


3001
SCAN JOB
TYPE
STATE
Local Copy
SCAN IN PROGRESS
3841
CANCEL
PRINT JOB
TYPE
STATE
DETAILS
NUMBER OF COPIES
Local Copy
PRINT IN PROGRESS
5
FAX
STANDBY
ABCDEFG
1
Remote Copy
PRINT STANDBY
10
PDL Print
PRINT STANDBY
document. doc
2
COMMUNICATION
TYPE
STATE
DETAILS
NUMBER OF COPIES
FAX
SEND IN PROGRESS
03-0000-1111
1
E-mail
SEND IN PROGRESS
Subject:abcdefg